

10562949a

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

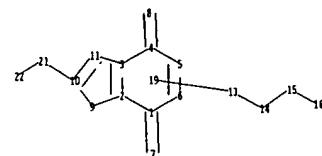
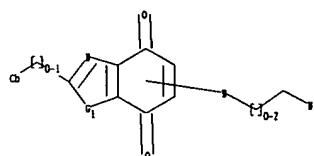
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading C:\Program Files\Stnexp\Queries\10562949c.str



chain nodes :

7 8 13 14 15 21 22

ring nodes :

1 2 3 4 5 6 9 10 11

ring/chain nodes :

16

chain bonds :

1-7 4-8 10-21 13-14 14-15 15-16 21-22

ring bonds :

1-6 1-2 2-3 2-9 3-4 3-11 4-5 5-6 9-10 10-11

exact/norm bonds :

1-6 1-2 1-7 2-3 2-9 3-4 3-11 4-5 4-8 5-6 9-10 10-11 10-21 13-14 14-15
15-16 21-22

isolated ring systems :

containing 1 :

G1:O,S

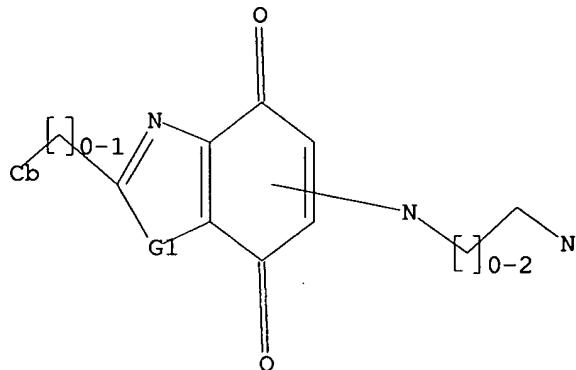
Karen Cheng

10562949a

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:Atom
11:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 19:CLASS 21:CLASS 22:Atom

L4 STRUCTURE UPLOADED

=> d
L4 HAS NO ANSWERS
L4 STR



G1 O,S

Structure attributes must be viewed using STN Express query preparation.

=> d his
(FILE 'HOME' ENTERED AT 08:27:36 ON 27 MAR 2007)
FILE 'REGISTRY' ENTERED AT 08:27:44 ON 27 MAR 2007
L1 STRUCTURE UPLOADED
L2 211 S L1 FULL
FILE 'CAPLUS' ENTERED AT 08:28:11 ON 27 MAR 2007
L3 10 S L2
FILE 'REGISTRY' ENTERED AT 08:40:34 ON 27 MAR 2007
L4 STRUCTURE UPLOADED

=> s 14 full sub = 12
FULL SUBSET SEARCH INITIATED 08:40:56 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 211 TO ITERATE

100.0% PROCESSED 211 ITERATIONS 135. ANSWERS
SEARCH TIME: 00.00.01

L5 135 SEA SUB=L2 SSS FUL L4

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=> fil caplus		
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FILE COVERS 1907 - 27 Mar 2007 VOL 146 ISS 14
FILE LAST UPDATED: 26 Mar 2007 (20070326/ED)

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L6 6 L5

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Date: 6/25/03
to beat

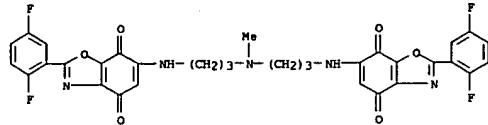
L6 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2006:606044 CAPLUS
 DOCUMENT NUMBER: 145:58195
 TITLE: Phosphatase Cdc25 inhibitors and their use in treatment of diseases
 INVENTOR(S): Galcera, Marie Odile; Bigg, Dennis; Prevost, Gregoire; Sidhu, Alban
 PATENT ASSIGNEE(S): Societe De Conseils De Recherches Et D'Applications Scientifiques Scras, Fr.
 SOURCE: Fr. Demande, 50 pp.
 CODEN: FRCKBL
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2879598	A1	20060623	FR 2004-13456	20041217
WO 2006067311	A2	20060629	WO 2005-FR3161	20051216
WO 2006067311	A3	20060817		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GR, HR, HU, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZV
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MV, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

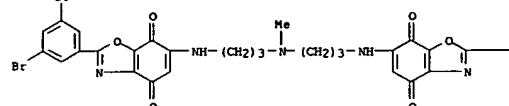
PRIORITY APPLN. INFO.: FR 2004-13456 A 20041217
 OTHER SOURCE(S): MARPAT 145:58195
 AB Compds. comprising 2 or 3 benzothiazole-4,7-dione or benzoxazole-4,7-dione moieties which inhibit phosphatase Cdc25, especially phosphatase Cdc25-C, are disclosed. These compds. may be used in the treatment of cancer. Thus, 16 compds. of the invention were synthesized. Most inhibited recombinant Cdc25-C with IC₅₀ ≤ 1 μM.
 IT 890649-39-5P 890649-40-8P 890649-41-9P
 890649-42-0P 890649-43-1P 890649-44-2P
 890649-45-3P 890649-46-4P 890649-47-5P
 RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (phosphatase Cdc25 inhibitors and their use in treatment of diseases)
 RN 890649-39-5 CAPLUS
 CN 4,7-Benzoxazoledione, 6,6'-(methylimino)bis(3,1-propanediylimino)bis[2-(2,5-difluorophenyl)-] (9CI) (CA INDEX NAME)

L6 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 890649-40-8 CAPLUS
 CN 4,7-Benzoxazoledione, 6,6'-(methylimino)bis(3,1-propanediylimino)bis[2-(3,5-dibromophenyl)-] (9CI) (CA INDEX NAME)

PAGE 1-A

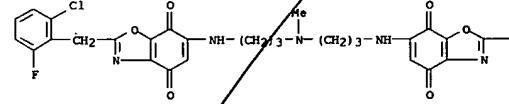


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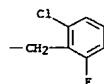
RN 890649-41-9 CAPLUS
 CN 4,7-Benzoxazoledione, 6,6'-(methylimino)bis(3,1-propanediylimino)bis[2-(2-chloro-6-fluorophenyl)methyl]- (9CI) (CA INDEX NAME)

PAGE 1-A



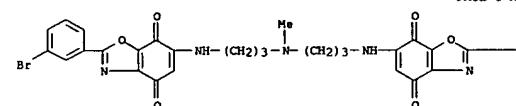
L6 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 1-B



RN 890649-42-0 CAPLUS
 CN 4,7-Benzoxazoledione, 6,6'-(methylimino)bis(3,1-propanediylimino)bis[2-(3-bromophenyl)-] (9CI) (CA INDEX NAME)

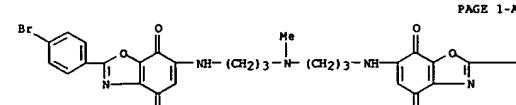
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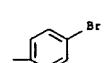
PAGE 1-B

RN 890649-43-1 CAPLUS
 CN 4,7-Benzoxazoledione, 6,6'-(methylimino)bis(3,1-propanediylimino)bis[2-(4-bromophenyl)-] (9CI) (CA INDEX NAME)

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RN 890649-44-2 CAPLUS
 CN 4,7-Benzoxazoledione, 6,6'-(methylimino)bis(3,1-propanediylimino)bis[2-(3,5-dichlorophenyl)-] (9CI) (CA INDEX NAME)

PAGE 1-A

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RN 890649-45-3 CAPLUS
 CN 4,7-Benzoxazoledione, 6,6'-(methylimino)bis(3,1-propanediylimino)bis[2-(3-chlorophenyl)-] (9CI) (CA INDEX NAME)

PAGE 1-A

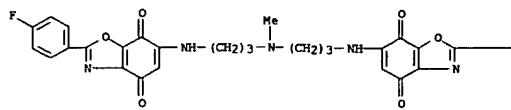
PAGE 1-B

RN 890649-46-4 CAPLUS
 CN 4,7-Benzoxazoledione, 6,6'-(methylimino)bis(3,1-propanediylimino)bis[2-(4-fluorophenyl)-] (9CI) (CA INDEX NAME)

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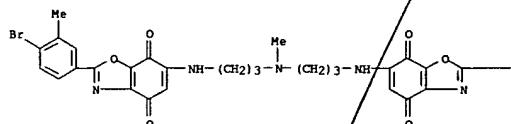
L6 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

PAGE 1-A



PAGE 1-B

RN 890649-47-5 CAPLUS
CN 4,7-Benzoxazoledione, 6,6'-[(methylimino)bis(3,1-propanediylimino)]bis[2-(4-bromo-3-methylphenyl)- (9CI) (CA INDEX NAME)

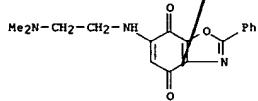


PAGE 1-A

PAGE 1-B

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:1241413 CAPLUS

DOCUMENT NUMBER: 144:128904

TITLE: Synthesis and biological evaluation of novel heterocyclic quinones as inhibitors of the dual specificity protein phosphatase CDC25C
AUTHOR(S): Lavergne, Olivier; Fernandes, Anne-Cecile; Brehu, Laetitia; Sidhu, Alban; Brezak, Marie-Christine; Prevost, Gregoire; Ducommun, Bernard; Contour-Galera, Marie-Odile

CORPORATE SOURCE: Ipsen Research Laboratories, Institut Henri Beaujour, Les Ulis, 91960, Fr.

SOURCE: Bioorganic & Medicinal Chemistry Letters (2006), 16(1), 171-175

PUBLISHER: Elsevier B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 144:128904

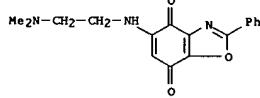
AB A focused set of heterocyclic quinones based on the benzothiazole, benzoxazole, benzimidazole, indazole and isoindole nucleus was prepared and screened with respect to the inhibition of the phosphatase activity of CDC25C. Benzoxazole- and benzothiazoloquiones were \geq 50 times more potent in inhibiting CDC25C than their benzimidazole, indazole, or isoindole counterparts. These *in vitro* activities were in good correlation with the anti-proliferative effects observed with Mia PaCa-2 and DU-145 human tumor cell cultures. The IC₅₀ values obtained by WST-1 colorimetric assay ranged from 0.10 to 0.50 μ M for the benzoxazole- or benzothiazole-diones and were $>$ 10 μ M for the other heterocyclic diones. This study further illustrates how the activity of the quinone pharmacophore can be selectively modulated by changing the type of five-membered heterocycle fused to the quinone ring.

IT 558475-05-1P 558475-06-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation of novel heterocyclic quinones as inhibitors of the dual specificity protein phosphatase CDC25C)

RN 558475-05-1 CAPLUS

CN 4,7-Benzoxazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-phenyl- (9CI) (CA INDEX NAME)



RN 558475-06-2 CAPLUS

CN 4,7-Benzoxazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-phenyl- (9CI) (CA INDEX NAME)

L6 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

ACCESSION NUMBER: 2005:124649 CAPLUS

DOCUMENT NUMBER: 142:336281

TITLE: Regioselective preparation of 5-amino- and 6-amino-1,3-benzoxazole-4,7-diones from symmetrical diaminophenol and aminoresorcinol
AUTHOR(S): Brehu, Laetitia; Fernandes, Anne-Cecile; Lavergne, Olivier

CORPORATE SOURCE: Ipsen Research Laboratories, Institut Henri Beaujour, Les Ulis, 91960, Fr.

SOURCE: Tetrahedron Letters (2005), 46(9), 1437-1440

PUBLISHER: Elsevier B.V.

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 142:336281

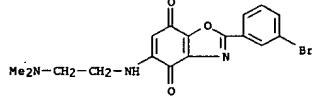
AB Regioisomeric 5-amino- and 6-amino-1,3-benzoxazole-4,7-diones were prepared from 2,6-diamino-4-methoxyphenol and 2-amino-5-methoxyresorcinol, resp. These sym precursors have the property to be antisym. to each other with respect to their amino and hydroxy substituents.

IT 558475-35-7P 558475-36-8P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of regioisomeric 5-amino- and 6-amino-1,3-benzoxazole-4,7-diones from 2,6-diamino-4-methoxyphenol and 2-amino-5-methoxyresorcinol)

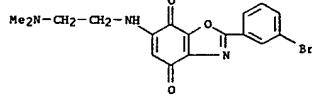
RN 558475-35-7 CAPLUS

CN 4,7-Benzoxazoledione, 2-(3-bromophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558475-36-8 CAPLUS

CN 4,7-Benzoxazoledione, 2-(3-bromophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

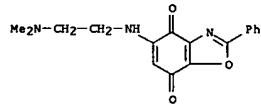
37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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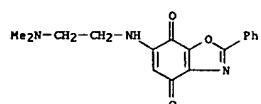
ANSWER 4 FOR 6 CAPTUS COPYRIGHT 2007 ACS ON STN (Continued)

(Diethylamino)propyl)amino-2-[2-fluoro-6-(trifluoromethyl)phenyl]-1,3-benzoxazole-4,7-dione 558475-97-1P, 6-[[(Diethylamino)propyl]amino-2-[2-fluoro-6-(trifluoromethyl)phenyl]-1,3-benzoxazole-4,7-dione 558475-98-2P, 2-[2-Chloro-5-(trifluoromethyl)phenyl]-5-[[[(dimethylamino)ethyl]amino]-1,3-benzoxazole-4,7-dione 558475-99-3R, 2-[2-Chloro-5-(trifluoromethyl)phenyl]-6-[[[(dimethylamino)ethyl]amino]-1,3-benzoxazole-4,7-dione 558476-00-9P, 2-[2-Chloro-5-(trifluoromethyl)phenyl]-5-[[[(dimethylamino)ethyl]amino]-1,3-benzoxazole-4,7-dione 558476-01-0P, 2-[2-Chloro-5-(trifluoromethyl)phenyl]-6-[[[(dimethylamino)ethyl]amino]-1,3-benzoxazole-4,7-dione 558476-02-1P, 2-[2-Chloro-5-(trifluoromethyl)phenyl]-5-[[[(dimethylamino)propyl]amino]-1,3-benzoxazole-4,7-dione 558476-03-2P, 2-[2-Chloro-5-(trifluoromethyl)phenyl]-6-[[[(dimethylamino)propyl]amino]-1,3-benzoxazole-4,7-dione 558476-04-3P, 2-[2-Chloro-6-fluorophenyl]-5-[[[(dimethylamino)propyl]amino]-1,3-benzoxazole-4,7-dione 558476-05-4P, 2-[2-Chloro-6-fluorophenyl]-6-[[[(dimethylamino)propyl]amino]-1,3-benzoxazole-4,7-dione 558476-06-5P, 2-[2-Chloro-6-fluorophenyl]-5-[[[(pyrrolidin-1-yl)ethyl]amino]-1,3-benzoxazole-4,7-dione 558476-07-6P, 2-(2-Chloro-6-fluorophenyl)-6-[[[(pyrrolidin-1-yl)ethyl]amino]-1,3-benzoxazole-4,7-dione 558476-08-7P, 2-(2-(4-Dimethoxyphenyl))-5-[[[(dimethylamino)ethyl]amino]-1,3-benzoxazole-4,7-dione 558476-09-8P, 2-(3,4-Dimethoxyphenyl)-6-[[[(dimethylamino)ethyl]amino]-1,3-benzoxazole-4,7-dione 558476-10-9P, 2-(3,4-Dimethoxyphenyl)-7-[[[(dimethylamino)ethyl]amino]-1,3-benzoxazole-4,7-dione 558476-11-0P, 2-Cyclohexyl-5-[[[(pyrrolidin-1-yl)ethyl]amino]-1,3-benzothiazole-4,7-dione 558476-13-4P, 2-Cyclohexyl-6-[[[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-22-5P, 5-[[2-(Dimethylamino)ethyl]amino]-2-(2-methoxyphenyl)-1,3-benzothiazole-4,7-dione 558476-23-6P, 6-[[[(2-(Dimethylamino)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-24-7P, 5-[[2-(Dimethylamino)ethyl]amino]-2-(2-fluorophenyl)-1,3-benzothiazole-4,7-dione 558476-25-8P, 6-[[(2-(Dimethylamino)ethyl)amino]-2-(2-fluorophenyl)-1,3-benzothiazole-4,7-dione 558476-26-9P, 2-(2-Fluorophenyl)-5-[[[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-27-0P, 2-(2-Fluorophenyl)-6-[[[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-28-1P, 2-(4-Fluorophenyl)-5-[[[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-29-2P, 2-(4-Fluorophenyl)-6-[[[(pyrrolidin-1-yl)ethyl]amino]-1,3-benzothiazole-4,7-dione 558476-30-5P, 5-[[[(2-(Dimethylamino)ethyl)amino]-2-(4-fluorophenyl))-1,3-benzothiazole-4,7-dione 558476-31-6P, 6-[[[(2-(Dimethylamino)ethyl)amino]-2-(4-fluorophenyl))-1,3-benzothiazole-4,7-dione 558476-32-7P, 2-(2,6-Difluorophenyl)-5-[[[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-33-8P, 2-(2,6-Difluorophenyl)-6-[[[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-34-9P, 2-(2,6-Difluorophenyl)-5-[[[(dimethylamino)ethyl]amino]-1,3-benzothiazole-4,7-dione 558476-35-0P, 2-(2,6-Difluorophenyl)-6-[[[(dimethylamino)ethyl]amino]-1,3-benzothiazole-4,7-dione 558476-42-9P, 2-(2,4-Difluorophenyl)-5-[[[(dimethylamino)ethyl]amino]-1,3-benzothiazole-4,7-dione 558476-44-1P, 5-[[[(2-(Dimethylamino)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-44-1P, 2-(2,4-Difluorophenyl)-6-[[[(2-(Dimethylamino)ethyl)amino]-1,3-benzothiazole-4,7-dione

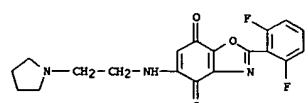
L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



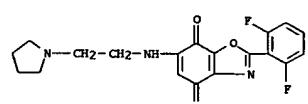
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CN 4,7-Benzoxazolinedione, 6-[(2-(dimethylamino)ethyl]amino]-2-phenyl- (9CI)
(CA INDEX NAME)



RN 558475-09-5 CAPLUS
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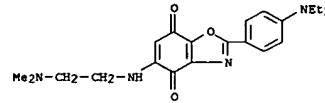
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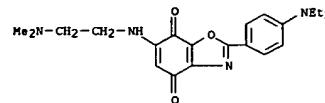
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ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS ON STN (Continued)
 (2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione 558476-45-2P,
 6-[[(2-dimethylamino)ethyl]amino]-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione 558476-46-3P, S-[[2-(Pyrrolidin-1-yl)ethyl]amino]-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione 558476-47-4P, 6-[(2-Pyrrolidin-1-yl)ethyl]amino]-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione 558476-48-5P,
 2-(3-Fluoro-4-methylphenyl)-5-[(2-dimethylamino)ethyl]amino]-1,3-benzoxazole-4,7-dione 558476-49-6P, 2-(3-Fluoro-4-methylphenyl)-6-[(2-dimethylamino)ethyl]amino]-1,3-benzoxazole-4,7-dione 558476-50-9P, 2-(3-Fluoro-4-methylphenyl)-5-[(2-pyrrolidin-1-yl)ethyl]amino]-1,3-benzoxazole-4,7-dione 558476-51-0P,
 2-(3-Fluoro-4-methylphenyl)-6-[(2-pyrrolidin-1-yl)ethyl]amino]-1,3-benzoxazole-4,7-dione 558476-52-1P, 2-(4-Chlorophenyl)-5-[(2-dimethylamino)ethyl]amino]-1,3-benzothiazole-4,7-dione 558476-53-2P, 2-(4-Chlorophenyl)-6-[(2-dimethylamino)ethyl]amino]-1,3-benzothiazole-4,7-dione 558476-54-3P, 2-(4-Chlorophenyl)-5-[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-55-4P, 2-(4-Chlorophenyl)-6-[(2-pyrrolidin-1-yl)ethyl]amino]-1,3-benzothiazole-4,7-dione 558476-56-5P, 5-[(2-dimethylamino)ethyl]amino]-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzothiazole-4,7-dione 558476-57-6P, 6-[(2-dimethylamino)ethyl]amino]-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzothiazole-4,7-dione 558476-58-7P, 5-[(2-dimethylamino)ethyl]amino]-2-(3,4,5-trifluorophenyl)-1,3-benzothiazole-4,7-dione 558476-59-8P, 6-[(2-dimethylamino)ethyl]amino]-2-(3,4,5-trifluorophenyl)-1,3-benzothiazole-4,7-dione 558476-60-1P , 5-[(2-pyrrolidin-1-yl)ethyl]amino]-2-(2,4,6-trifluorophenyl)-1,3-benzothiazole-4,7-dione 558476-61-2P, 6-[(2-pyrrolidin-1-yl)ethyl]amino]-2-(2,4,6-trifluorophenyl)-1,3-benzothiazole-4,7-dione 558476-64-5P, 5-[(2-dimethylamino)ethyl]amino]-2-(4-ethylphenyl)-1,3-benzoxazole-4,7-dione 558476-65-6P, 6-[(2-dimethylamino)ethyl]amino]-2-(4-ethylphenyl)-1,3-benzoxazole-4,7-dione 558476-66-7P, 2-(4-Ethylphenyl)-5-[(2-pyrrolidin-1-yl)ethyl]amino]-1,3-benzoxazole-4,7-dione 558476-67-8P, 2-(4-Ethylphenyl)-6-[(2-pyrrolidin-1-yl)ethyl]amino]-1,3-benzoxazole-4,7-dione 558476-68-9P, 5-[(2-dimethylamino)ethyl]amino]-2-(2-fluoro-6-methoxyphenyl)-1,3-benzoxazole-4,7-dione 558476-69-0P, 6-[(2-dimethylamino)ethyl]amino]-2-(2-fluoro-6-methoxyphenyl)-1,3-benzoxazole-4,7-dione 558476-71-4P, 2-Cyclohexyl-5-[(2-dimethylamino)ethyl]amino]-1,3-benzothiazole-4,7-dione 558476-72-5P, 2-Cyclohexyl-6-[(2-dimethylamino)ethyl]amino]-1,3-benzothiazole-4,7-dione 819792-46-6P, 2-Cyclooctyl-5-[(2-dimethylamino)ethyl]amino]-1,3-benzoxazole-4,7-dione 819792-47-7P , 2-Cyclopentyl-6-[(2-dimethylamino)ethyl]amino]-1,3-benzoxazole-4,7-dione
R1: PAC (Pharmacological activity); **SPN** (Synthetic preparation); **THU** (Therapeutic use); **BIO1** (Biological study); **PREP** (Preparation); **USES** (Uses)
 (Cdc35 inhibitor; prepn. and pharmaceutical compns. of benzothiazolinediones, benzoxazolinediones, naphthoquinones, and related compds. for use in chemotherapy)
RN 558475-05-1 CAPLUS
CN 4,7-Benzoxazolinedione, 5-[(2-dimethylamino)ethyl]amino]-2-phenyl- (9CI)
 (CA INDEX NAME)

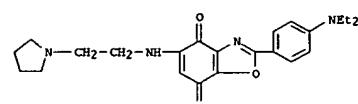
L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



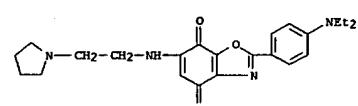
RN 558475-12-0 CAPLUS
CN 4,7-Benzoxazoledione, 2-[4-(diethylamino)phenyl]-6-[(2-dimethylamino)ethyl]amino- (9CI) (CA INDEX NAME)



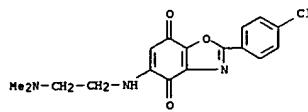
RN 558475-13-1 CAPLUS
CN 4,7-Benzoxazoledione, 2-[4-(diethylamino)phenyl]-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



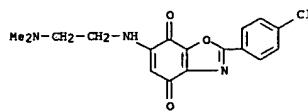
RN 558475-14-2 CAPLUS
CN 4,7-Benzoxazoledione, 2-[4-(diethylamino)phenyl]-6-[(2-{1-mycrocidilinylethyl}amino)- (9CI) (CA INDEX NAME)



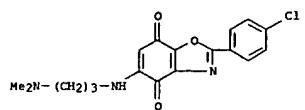
RN 558475-15-3 CAPLUS
CN 4,7-Benzoxazolo[4,5-d]hept-2-ene, 2-(4-chlorophenyl)-5-[(2-(dimethylamino)ethyl)amino]-
(α -S)-, (CA INDEX NAME)



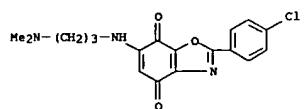
RN 558475-16-4 CAPLUS
CN 4-Benzoxazoles, 2-(4-chlorophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



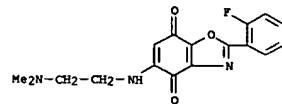
RN 558475-17-5 CAPLUS
CN 4-Benzoxazoles, 2-(4-chlorophenyl)-5-[(3-(dimethylamino)propyl)amino]- (9CI) (CA INDEX NAME)



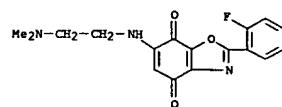
RN 558475-18-6 CAPLUS
CN 4-Benzoxazoles, 2-(4-chlorophenyl)-6-[(3-(dimethylamino)propyl)amino]- (9CI) (CA INDEX NAME)



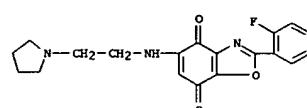
RN 558475-21-1 CAPLUS
CN 4-Benzoxazoles, 5-[(2-(dimethylamino)ethyl)amino]-2-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



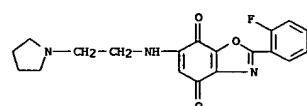
RN 558475-22-2 CAPLUS
CN 4-Benzoxazoles, 6-[(2-(dimethylamino)ethyl)amino]-2-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 558475-23-3 CAPLUS
CN 4,7-Benzoxazoles, 2-(2-fluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

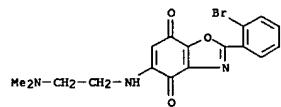


RN 558475-24-4 CAPLUS
CN 4,7-Benzoxazoles, 2-(2-fluorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

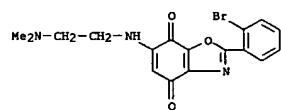


RN 558475-25-5 CAPLUS

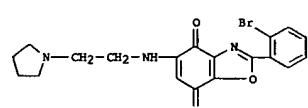
L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
CN 4,7-Benzoxazoles, 2-(2-bromophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



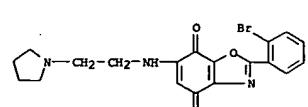
RN 558475-26-6 CAPLUS
CN 4,7-Benzoxazoles, 2-(2-bromophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



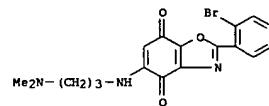
RN 558475-27-7 CAPLUS
CN 4,7-Benzoxazoles, 2-(2-bromophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



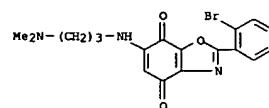
RN 558475-28-8 CAPLUS
CN 4,7-Benzoxazoles, 2-(2-bromophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



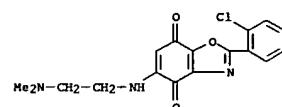
RN 558475-29-9 CAPLUS
CN 4,7-Benzoxazoles, 2-(2-bromophenyl)-5-[(3-(dimethylamino)propyl)amino]- (9CI) (CA INDEX NAME)



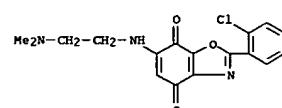
RN 558475-30-2 CAPLUS
CN 4,7-Benzoxazoles, 2-(2-bromophenyl)-6-[(3-(dimethylamino)propyl)amino]- (9CI) (CA INDEX NAME)



RN 558475-31-3 CAPLUS
CN 4,7-Benzoxazoles, 2-(2-chlorophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558475-32-4 CAPLUS
CN 4,7-Benzoxazoles, 2-(2-chlorophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)

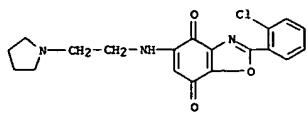


RN 558475-33-5 CAPLUS
CN 4,7-Benzoxazoles, 2-(2-chlorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

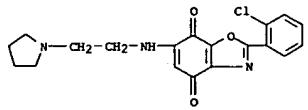
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L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

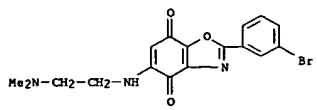
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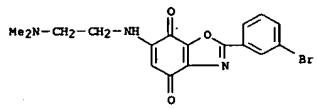
RN 558475-34-6 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2-chlorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558475-35-7 CAPLUS
CN 4,7-Benzoxazoledione, 2-(3-bromophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)

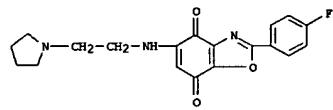


RN 558475-36-8 CAPLUS
CN 4,7-Benzoxazoledione, 2-(4-bromophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)

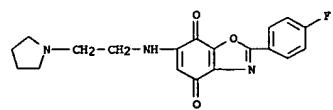


RN 558475-37-9 CAPLUS
CN 4,7-Benzoxazoledione, 2-(4-bromophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]-

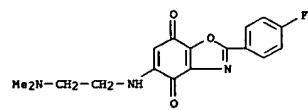
L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
RN 558475-41-5 CAPLUS
CN 4,7-Benzoxazoledione, 2-(4-fluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



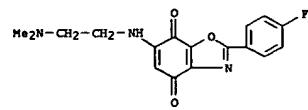
RN 558475-42-6 CAPLUS
CN 4,7-Benzoxazoledione, 2-(4-fluorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558475-43-7 CAPLUS
CN 4,7-Benzoxazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



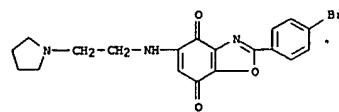
RN 558475-45-9 CAPLUS
CN 4,7-Benzoxazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



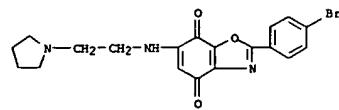
RN 558475-51-7 CAPLUS
CN 4,7-Benzoxazoledione, 5-[(3-(dimethylamino)propyl)amino]-2-(4-

Karen Cheng

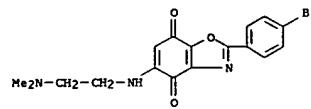
L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
(9CI) (CA INDEX NAME)



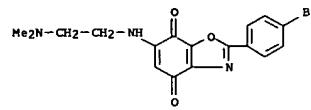
RN 558475-38-0 CAPLUS
CN 4,7-Benzoxazoledione, 2-(4-bromophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



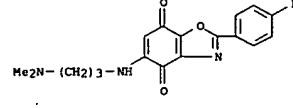
RN 558475-39-1 CAPLUS
CN 4,7-Benzoxazoledione, 2-(4-bromophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



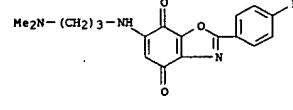
RN 558475-40-4 CAPLUS
CN 4,7-Benzoxazoledione, 2-(4-bromophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



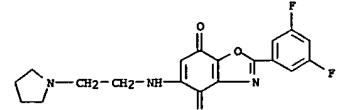
L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
fluorophenyl)- (9CI) (CA INDEX NAME)



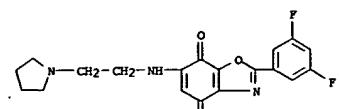
RN 558475-53-9 CAPLUS
CN 4,7-Benzoxazoledione, 6-[(3-(dimethylamino)propyl)amino]-2-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 558475-54-0 CAPLUS
CN 4,7-Benzoxazoledione, 2-(3,5-difluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



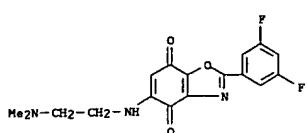
RN 558475-56-2 CAPLUS
CN 4,7-Benzoxazoledione, 2-(3,5-difluorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



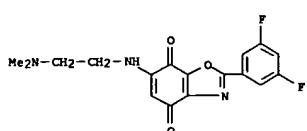
RN 558475-57-3 CAPLUS

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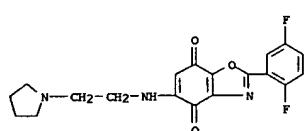
L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
CN 4,7-Benzoxazoledione, 2-(3,5-difluorophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558475-59-5 CAPLUS
CN 4,7-Benzoxazoledione, 2-(3,5-difluorophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)

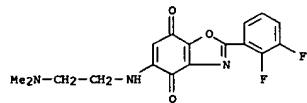


RN 558475-61-9 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,5-difluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

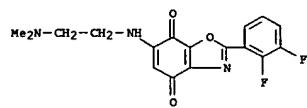


RN 558475-63-1 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,5-difluorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

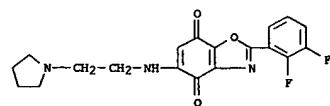
L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



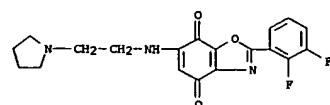
RN 558475-69-7 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,3-difluorophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558475-71-1 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,3-difluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

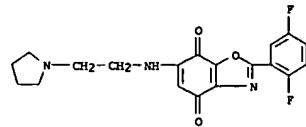


RN 558475-72-2 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,3-difluorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

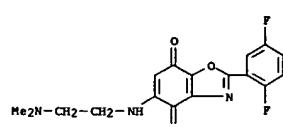


RN 558475-74-4 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,3-difluorophenyl)-5-[(3-(dimethylamino)propyl)amino]- (9CI) (CA INDEX NAME)

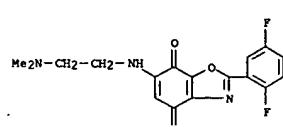
L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 558475-65-3 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,5-difluorophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)

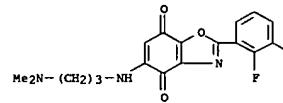


RN 558475-67-5 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,5-difluorophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)

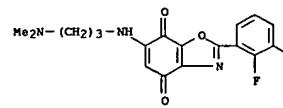


RN 558475-68-6 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,3-difluorophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)

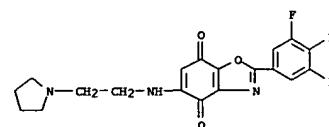
L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



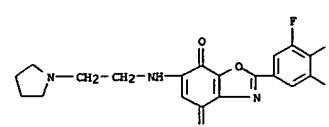
RN 558475-75-5 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,3-difluorophenyl)-6-[(3-(dimethylamino)propyl)amino]- (9CI) (CA INDEX NAME)



RN 558475-76-6 CAPLUS
CN 4,7-Benzoxazoledione, 5-[(2-(1-pyrrolidinyl)ethyl)amino]-2-(3,4,5-trifluorophenyl)- (9CI) (CA INDEX NAME)

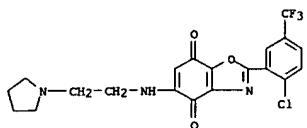


RN 558475-78-8 CAPLUS
CN 4,7-Benzoxazoledione, 6-[(2-(1-pyrrolidinyl)ethyl)amino]-2-(3,4,5-trifluorophenyl)- (9CI) (CA INDEX NAME)

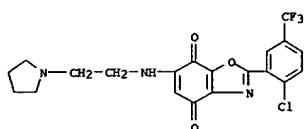


RN 558475-80-2 CAPLUS
CN 4,7-Benzoxazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(3,4,5-trifluorophenyl)- (9CI) (CA INDEX NAME)

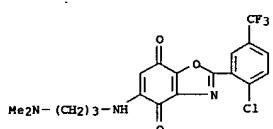
Karen Cheng



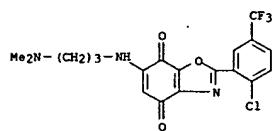
RN 558476-01-0 CAPLUS
CN 4,7-Benzoxazoledione, 2-[2-chloro-5-(trifluoromethyl)phenyl]-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



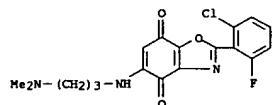
RN 558476-02-1 CAPLUS
CN 4,7-Benzoxazoledione, 2-[2-chloro-5-(trifluoromethyl)phenyl]-5-[(3-dimethylamino)propyl]amino]- (9CI) (CA INDEX NAME)



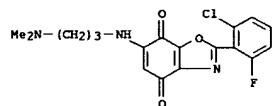
RN 558476-03-2 CAPLUS
CN 4,7-Benzoxazoledione, 2-[2-chloro-5-(trifluoromethyl)phenyl]-6-[(3-dimethylamino)propyl]amino]- (9CI) (CA INDEX NAME)



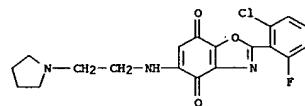
RN 558476-04-3 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2-chloro-6-fluorophenyl)-5-[(3-dimethylamino)propyl]amino]- (9CI) (CA INDEX NAME)



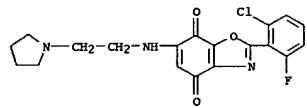
RN 558476-05-4 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2-chloro-6-fluorophenyl)-6-[(3-dimethylamino)propyl]amino]- (9CI) (CA INDEX NAME)



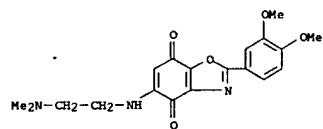
RN 558476-06-5 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2-chloro-6-fluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



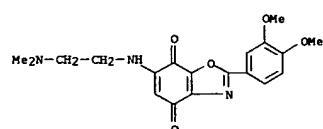
RN 558476-07-6 CAPLUS



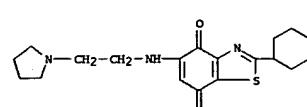
RN 558476-08-7 CAPLUS
CN 4,7-Benzoxazoledione, 2-(3,4-dimethoxyphenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



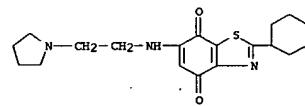
RN 558476-09-8 CAPLUS
CN 4,7-Benzoxazoledione, 2-(3,4-dimethoxyphenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



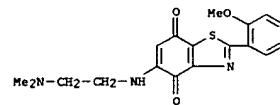
RN 558476-12-3 CAPLUS
CN 4,7-Benzothiazoledione, 2-cyclohexyl-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



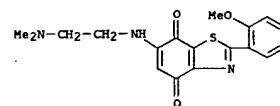
RN 558476-13-4 CAPLUS
CN 4,7-Benzothiazoledione, 2-cyclohexyl-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



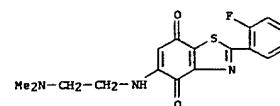
RN 558476-22-5 CAPLUS
CN 4,7-Benzothiazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(2-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 558476-23-6 CAPLUS
CN 4,7-Benzothiazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-(2-methoxyphenyl)- (9CI) (CA INDEX NAME)



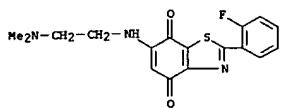
RN 558476-24-7 CAPLUS
CN 4,7-Benzothiazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



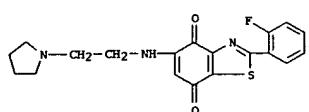
RN 558476-25-8 CAPLUS
CN 4,7-Benzothiazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-(2-

10562949a

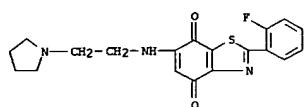
L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
fluorophenyl)- (9CI) (CA INDEX NAME)



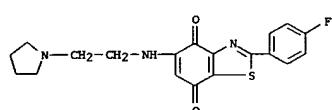
RN 558476-26-9 CAPLUS
CN 4,7-Benzothiazoledione, 2-(2-fluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558476-27-0 CAPLUS
CN 4,7-Benzothiazoledione, 2-(2-fluorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



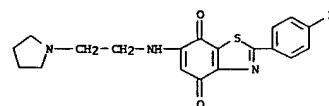
RN 558476-28-1 CAPLUS
CN 4,7-Benzothiazoledione, 2-(4-fluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



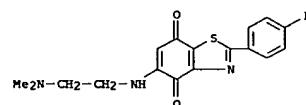
L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

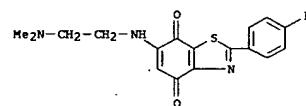
RN 558476-29-2 CAPLUS
CN 4,7-Benzothiazoledione, 2-(4-fluorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558476-30-5 CAPLUS
CN 4,7-Benzothiazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



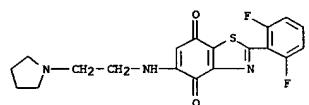
RN 558476-31-6 CAPLUS
CN 4,7-Benzothiazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



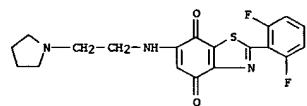
RN 558476-32-7 CAPLUS
CN 4,7-Benzothiazoledione, 2-(2,6-difluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

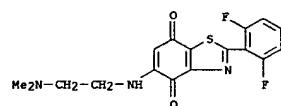
L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



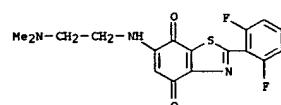
RN 558476-33-8 CAPLUS
CN 4,7-Benzothiazoledione, 2-(2,6-difluorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



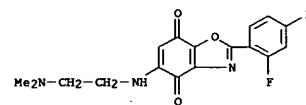
RN 558476-34-9 CAPLUS
CN 4,7-Benzothiazoledione, 2-(2,6-difluorophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



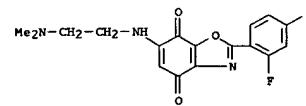
RN 558476-35-0 CAPLUS
CN 4,7-Benzothiazoledione, 2-(2,6-difluorophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



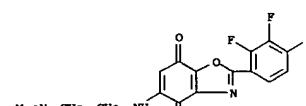
RN 558476-42-9 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,4-difluorophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



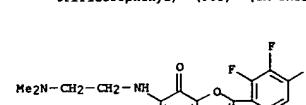
RN 558476-43-0 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,4-difluorophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558476-44-1 CAPLUS
CN 4,7-Benzoxazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(2,3,4-trifluorophenyl)- (9CI) (CA INDEX NAME)

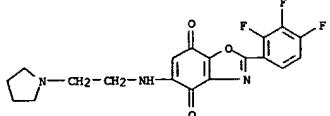


RN 558476-45-2 CAPLUS
CN 4,7-Benzoxazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-(2,3,4-trifluorophenyl)- (9CI) (CA INDEX NAME)

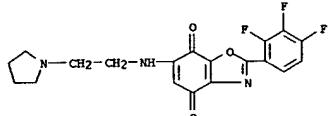


RN 558476-46-3 CAPLUS
CN 4,7-Benzoxazoledione, 5-[(2-(1-pyrrolidinyl)ethyl)amino]-2-(2,3,4-trifluorophenyl)- (9CI) (CA INDEX NAME)

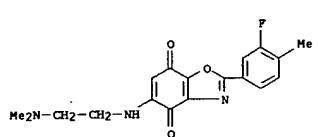
Karen Cheng



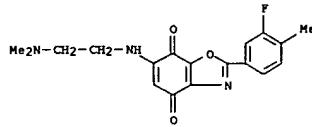
RN 558476-47-4 CAPLUS
CN 4,7-Benzoxazoledione, 6-[(2-(1-pyrrolidinyl)ethyl)amino]-2-(2,3,4-trifluorophenyl)- (9CI) (CA INDEX NAME)



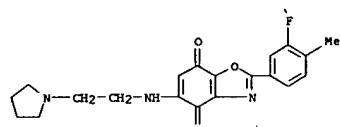
RN 558476-48-5 CAPLUS
CN 4,7-Benzoxazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(3-fluoro-4-methylphenyl)- (9CI) (CA INDEX NAME)



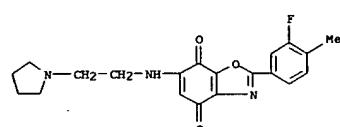
RN 558476-49-6 CAPLUS
CN 4,7-Benzoxazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-(3-fluoro-4-methylphenyl)- (9CI) (CA INDEX NAME)



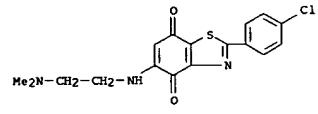
RN 558476-50-9 CAPLUS
CN 4,7-Benzoxazoledione, 2-(3-fluoro-4-methylphenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



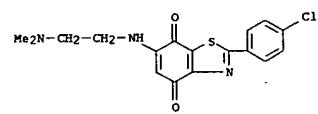
RN 558476-51-0 CAPLUS
CN 4,7-Benzoxazoledione, 2-(3-fluoro-4-methylphenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



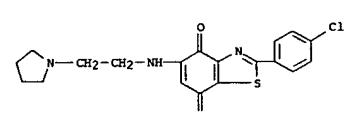
RN 558476-52-1 CAPLUS
CN 4,7-Benzothiazoledione, 2-(4-chlorophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



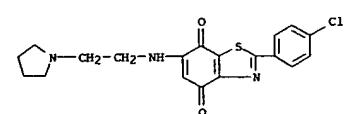
RN 558476-53-2 CAPLUS
CN 4,7-Benzothiazoledione, 2-(4-chlorophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



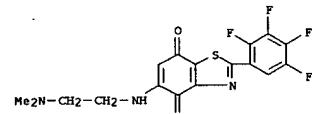
RN 558476-54-3 CAPLUS
CN 4,7-Benzothiazoledione, 2-(4-chlorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



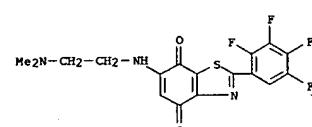
RN 558476-55-4 CAPLUS
CN 4,7-Benzothiazoledione, 2-(4-chlorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



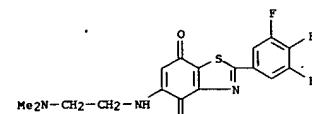
RN 558476-56-5 CAPLUS
CN 4,7-Benzothiazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(2,3,4,5-tetrafluorophenyl)- (9CI) (CA INDEX NAME)



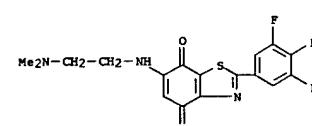
RN 558476-57-6 CAPLUS
CN 4,7-Benzothiazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-(2,3,4,5-tetrafluorophenyl)- (9CI) (CA INDEX NAME)



RN 558476-58-7 CAPLUS
CN 4,7-Benzothiazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(3,4,5-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 558476-59-8 CAPLUS
CN 4,7-Benzothiazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-(3,4,5-trifluorophenyl)- (9CI) (CA INDEX NAME)

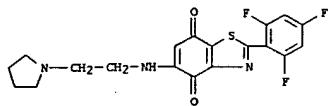


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L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

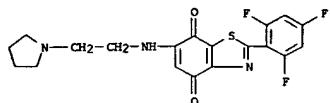
RN 558476-60-1 CAPLUS

CN 4,7-Benzothiazoledione, 5-[(2-(1-pyrrolidinyl)ethyl]amino]-2-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



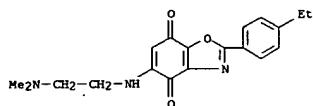
RN 558476-61-2 CAPLUS

CN 4,7-Benzothiazoledione, 6-[(2-(1-pyrrolidinyl)ethyl]amino]-2-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 558476-64-5 CAPLUS

CN 4,7-Benzoxazoledione, 5-[(2-(dimethylamino)ethyl]amino]-2-(4-ethylphenyl)- (9CI) (CA INDEX NAME)



RN 558476-65-6 CAPLUS

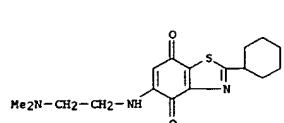
CN 4,7-Benzoxazoledione, 6-[(2-(dimethylamino)ethyl]amino]-2-(4-ethylphenyl)- (9CI) (CA INDEX NAME)



L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

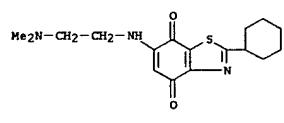
RN 558476-71-4 CAPLUS

CN 4,7-Benzothiazoledione, 2-cyclohexyl-5-[(2-(dimethylamino)ethyl]amino]- (9CI) (CA INDEX NAME)



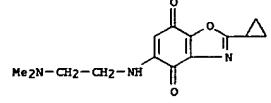
RN 558476-72-5 CAPLUS

CN 4,7-Benzothiazoledione, 2-cyclohexyl-6-[(2-(dimethylamino)ethyl]amino]- (9CI) (CA INDEX NAME)



RN 819792-46-6 CAPLUS

CN 4,7-Benzoxazoledione, 2-cyclopropyl-5-[(2-(dimethylamino)ethyl]amino]- (9CI) (CA INDEX NAME)

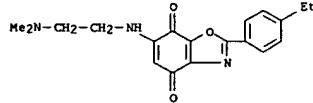


RN 819792-47-7 CAPLUS

CN 4,7-Benzoxazoledione, 2-cyclopropyl-6-[(2-(dimethylamino)ethyl]amino]- (9CI) (CA INDEX NAME)

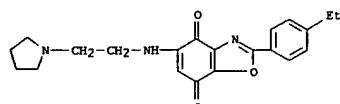
Karen Cheng

L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



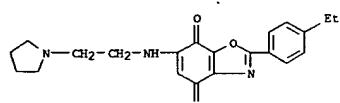
RN 558476-66-7 CAPLUS

CN 4,7-Benzoxazoledione, 2-(4-ethylphenyl)-5-[(2-(1-pyrrolidinyl)ethyl]amino]- (9CI) (CA INDEX NAME)



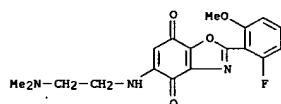
RN 558476-67-8 CAPLUS

CN 4,7-Benzoxazoledione, 2-(4-ethylphenyl)-6-[(2-(1-pyrrolidinyl)ethyl]amino]- (9CI) (CA INDEX NAME)



RN 558476-68-9 CAPLUS

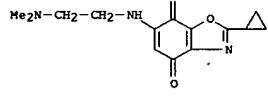
CN 4,7-Benzoxazoledione, 5-[(2-(dimethylamino)ethyl]amino]-2-(2-fluoro-6-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 558476-69-0 CAPLUS

CN 4,7-Benzoxazoledione, 6-[(2-(dimethylamino)ethyl]amino]-2-(2-fluoro-6-

L6 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



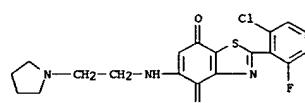
IT 817553-20-1P, 2-(2-Chloro-6-fluorophenyl)-5-[(2-(pyrrolidin-1-yl)ethyl]amino]-1,3-benzothiazole-4,7-dione

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(antitumor agent; preparation and pharmaceutical compns. of benzothiazolinediones, benzoxazolinediones, and analogs for use in chemotherapy)

RN 817553-20-1 CAPLUS

CN 4,7-Benzothiazoledione, 2-(2-chloro-6-fluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

10562949a

L6 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005-609 CAPLUS

DOCUMENT NUMBER: 142:93810

TITLE: 5- or 6-substituted benzothiazole-4,7-diones and benzoxazoles-4,7-diones and their preparation processes via amination, and their use as inhibitors of cdc25 and CD45 phosphatases

INVENTOR(S): Galcera Contour, Marie Odile; Lavergne, Olivier
Societe de Conseils de Recherches et d'Applications Scientifiques SCRAS, Fr.

SOURCE: Fr. Demande, 52 pp.

DOCUMENT TYPE: Patent

LANGUAGE: French

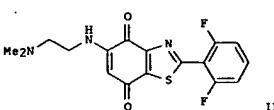
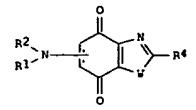
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2856686	A1	20041231	FR 2003-7648	20030625
AU 2004251912	A1	20050106	AU 2004-251912	20040624
CA 2530662	A1	20050106	CA 2004-2530662	20040624
WO 2005000843	A2	20050106	WO 2004-FR1578	20040624
WO 2005000843	A3	20050526		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, MA, MD, MG, MK, MN, MW, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1641789	A2	20060405	EP 2004-767434	20040624
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
BR 2004011871	A	20060808	BR 2004-11871	20040624
CN 1842522	A	20061004	CN 2004-80024394	20040624
NO 2006000124	A	20060120	NO 2006-124	20060109
US 2006135573	A1	20060622	US 2006-562949	20060210
PRIORITY APPLN. INFO.:			FR 2003-7648	A 20030625
OTHER SOURCE(S):	MARPAT	142:93810	WO 2004-FR1578	W 20040624
GI				

current app

L6 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



AB The invention is directed to a process for the preparation of benzothiazole-4,7-diones and benzoxazole-4,7-diones monosubstituted in position 5 or 6 by an (un)substituted amino group (I) by amination of their 5- or 6-methoxy derivs. with amines of formula NR1R2 in a protic solvent [W = S, O; R1 = H, alkyl, alkoxyalkyl, alkylthioalkyl, cycloalkyl, etc.; R2 = H, alkyl, aryl, alkylaroyl, or R1R2 = (un)substituted 4-8-membered heterocyclyl; R4 = cyclocyclo/cyclo/alkyl, CN, NH2, (un)substituted heterocyclyl, etc.]. The invention is also directed to the use of compds. I and their pharmaceutically acceptable salts which are inhibitors of both cdc25 phosphatases (in particular cdc25-C) and the phosphatase CD45. According to the invention, compds. I can be used in particular to prepare a drug intended to treat cancer. For instance, invention compound II was prepared via amination of 2-(2,6-difluorophenyl)-5-methoxy-1,3-benzothiazole-4,7-dione (preparation given) with N,N-dimethylmethylenediamine in anhydrous EtOH at 70° for 2 h. I inhibited the phosphatase activity of purified recombinant cdc25-C in vitro with IC50 values of < 10 μM. I had IC50 values of < 10 μM against proliferation of human cancer cell lines Mia-Paca2 and DU-145 in vitro.

IT 558476-28-1P, 2-(4-Fluorophenyl)-5-[(2-pyrrolidin-1-yl)ethyl]amino]-1,3-benzothiazole-4,7-dione 558476-30-5P, 5-[(2-(Dimethylamino)ethyl)amino]-2-(4-fluorophenyl)-1,3-benzothiazole-4,7-dione 558476-34-9P, 2-(2,6-Difluorophenyl)-5-[(2-(dimethylamino)ethyl)amino]-1,3-benzothiazole-4,7-dione 017553-15-4P, 2-(2-Chloro-6-fluorophenyl)-5-[(2-(dimethylamino)ethyl)amino]-1,3-benzothiazole-4,7-dione 017553-20-1P, 2-(2-Chloro-6-fluorophenyl)-5-[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzothiazole-4,7-dione

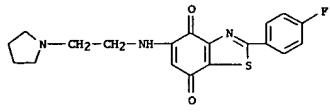
RL: IMF (Industrial manufacture); PAC (Pharmacological activity); SPN

L6 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
(Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(amine product, antiproliferative agent; process for the prepn. of monoamino benzothiazolediones and benzoaxolediones as inhibitors of cdc25 and CD45 phosphatases by amination of methoxy derivs.)

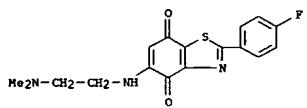
RN 558476-28-1 CAPLUS

CN 4,7-Benzothiazoledione, 2-(4-fluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



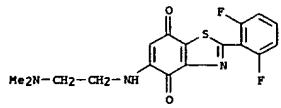
RN 558476-30-5 CAPLUS

CN 4,7-Benzothiazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 558476-34-9 CAPLUS

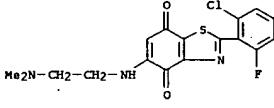
CN 4,7-Benzothiazoledione, 2-(2,6-difluorophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



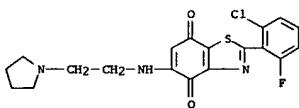
RN 817553-15-4 CAPLUS

CN 4,7-Benzothiazoledione, 2-(2-chloro-6-fluorophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)

L6 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



RN 817553-20-1 CAPLUS
CN 4,7-Benzothiazoledione, 2-(2-chloro-6-fluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

Karen Cheng

L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:532654 CAPLUS

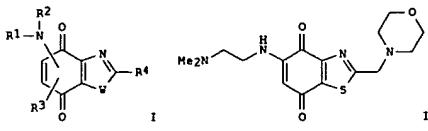
DOCUMENT NUMBER: 139:101120

TITLE: Benzothiazole-4,7-dione and benzoxazole-4,7-dione derivatives, their preparation, and their use as inhibitors of cdc25 and CD45 phosphatases
INVENTOR(S): Galéra Contour, Marie-Odile; Lavergne, Olivier; Brezak Pannetier, Marie-Christine; Prevost, Grégoire
PATENT ASSIGNEE(S): Société De Conseils De Recherches Et D'applications Scientifiques (S.C.R.A.S.), Fr.
SOURCE: PCT Int. Appl., 151 pp.

CODEN: PIX002**DOCUMENT TYPE:** Patent**LANGUAGE:** French**FAMILY ACC. NUM. COUNT:** 2**PATENT INFORMATION:**

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003055868	A1	20030710	WO 2002-FR4544	20021224
W: AE, AG, AL, AM, AT, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
FR 2834289	A1	20030704	FR 2001-16889	20011227
FR 2834289	B1	20040319		
CA 2471713	A1	20030710	CA 2002-2471713	20021224
AU 2002364485	A1	20030715	AU 2002-364485	20021224
EP 1461326	A1	20040929	EP 2002-799849	20021224
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002015336	A	20041116	BR 2002-15336	20021224
JP 2005517676	T	20050616	JP 2003-556399	20021224
NZ 533454	A	20060224	NZ 2002-533454	20021224
HU 200600238	A2	20060628	HU 2006-238	20021224
IN 2004001689	A	20070112	IN 2004-DN1689	20040415
US 2006040996	A1	20060223	US 2004-500411	20040424
NO 2004003173	A	20040726	NO 2004-3173	20040726
PRIORITY APPLN. INFO.:				
OTHER SOURCE(S): MARPAT 139:101120				
GI				

L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



AB The invention discloses the use of new compds. which are inhibitors of both cdc25 phosphatases (in particular cdc25-C) and the phosphatase CD45. The disclosed compds. are the heterocyclic diones I and their pharmaceutically acceptable salts [wherein: R1 = H, alkyl, alkoxyalkyl, alkylthioalkyl, cycloalkyl, (CH2)-X-Y or (CH2)-2-NR5R6, indanyl, tetralin, (un)substituted saturated N/O/S heterocyclyl bound at C; also (when W = O) R1 = (un)substituted aryl; R2 = H, alkyl, aralkyl; or NR1R2 may form a heterocyclic ring; R3 = H, halo, alkyl, haloalkyl, alkoxy, alkylthio; R4 = alkyl, cycloalkyl, cycloalkylalkyl, cyano, amino, CH2CO2H or alkyl esters, CH2CONH2 or derivs., (un)substituted aryl or heteroaryl; R5, R6 = H, alkyl, aralkyl, or (CH2)nOH in which n = 1-6; or R5 = alkoxycarbonyl, haloalkoxycarbonyl, or aralkoxycarbonyl, and R6 = H or Me; or NR5R6 = saturated -N-heterocycle; X = -alkylene- Y = -saturated, (un)substituted mono-, di-, or tricyclic carbo- or N/O/S heterocycle, or (un)substituted carbo- or heterocyclic aryl; and W = O or S]. According to the invention, compds. I can be used in particular to prepare a drug intended to treat cancer. Claimed uses include treatment of tumors, non-malignant proliferative disorders, neurodegenerative disorders, parasitic or viral infections, alopecia of several origins, autoimmune disorders, graft rejection, and inflammatory or allergic disorders. Nearly 200 examples are prepared and individually cited in claims. Some compds. were prepared as pairs of regioisomers, or as unidentified members of such pairs. For instance, invention compound II was prepared in 6 steps. Thus, 2-methyl-5-methoxy-1,3-benzothiazole was α -brominated with NBS, and the bromide aminated with morpholine. The product was nitrated in the 4-position, and the nitro group was reduced to amino with SnCl2. The 4-amino was oxidized with Fremy's salt to give the 4,7-dione, which was condensed at the 5-methoxy group with 2-(dimethylamino)ethylamine to give II. Most compds. I inhibited the phosphatase activity of purified recombinant cdc25-C in vitro with IC50 values of \leq 10 μ M. Five compds. inhibited the tyrosine phosphatase activity of CD45 at \leq 10 μ M. Most compds. including II, had IC50 values of \leq 10 μ M against proliferation of human cancer cell lines Mia-Paca2 and DU-145 in vitro.

IT 558475-05-1P, 5-[2-(Dimethylamino)ethyl]amino-2-phenyl-1,3-benzoxazole-4,7-dione 558475-06-2P, 6-[2-(Dimethylamino)ethyl]amino-2-phenyl-1,3-benzoxazole-4,7-dione 558475-09-5P, 2-(2,6-Difluorophenyl)-5-[2-(Pyrrolidin-1-yl)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-10-8P, 2-(2,6-Difluorophenyl)-6-[2-(Pyrrolidin-1-yl)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-11-9P, 2-[4-(Diethylamino)phenyl]-5-[2-

L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
(dimethylaminoethyl)amino]-1,3-benzoxazole-4,7-dione 558475-12-0P, 2-[4-(Diethylamino)phenyl]-6-[2-(dimethylamino)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-13-1P, 2-[4-(Diethylamino)phenyl]-5-[2-(Pyrrolidin-1-yl)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-14-2P, 2-[4-(Diethylamino)phenyl]-6-[2-(pyrrolidin-1-yl)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-15-3P, 2-(4-Chlorophenyl)-5-[2-(dimethylamino)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-16-4P, 2-(4-Chlorophenyl)-6-[2-(dimethylamino)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-17-5P, 2-(4-Chlorophenyl)-15-[2-(dimethylamino)propyl]amino-1,3-benzoxazole-4,7-dione 558475-18-6P, 2-(4-Chlorophenyl)-6-[3-(dimethylamino)propyl]amino-1,3-benzoxazole-4,7-dione 558475-19-7P, 2-(4-Chlorophenyl)-15-[2-(dimethylamino)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-20-8P, 2-(4-Chlorophenyl)-6-[3-(dimethylamino)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-21-9P, 2-(2-Fluorophenyl)-5-[2-(dimethylamino)ethyl]amino-1,3-benzoxazole-4,7-dione 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2-(2-Chlorophenyl)-6-[2-(dimethylamino)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-33-5P, 2-(2-Chlorophenyl)-5-[2-(pyrrolidin-1-yl)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-34-6P, 2-(2-Chlorophenyl)-6-[2-(pyrrolidin-1-yl)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-35-7P, 2-(3-Bromophenyl)-5-[2-(dimethylamino)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-36-8P, 2-(3-Bromophenyl)-6-[2-(dimethylamino)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-37-9P, 2-(4-Bromophenyl)-5-[2-(pyrrolidin-1-yl)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-38-0P, 2-(4-Bromophenyl)-6-[2-(pyrrolidin-1-yl)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-39-1P, 2-(4-Bromophenyl)-5-[2-(dimethylamino)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-40-2P, 2-(4-Bromophenyl)-6-[2-(pyrrolidin-1-yl)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-41-3P, 2-(4-Fluorophenyl)-5-[2-(pyrrolidin-1-yl)ethyl]amino-1,3-benzoxazole-4,7-dione 558475-42-4P, 2-(4-Fluorophenyl)-6-[2-(pyrrolidin-1-yl)ethyl]amino-1,3-benzoxazole-4,7-dione 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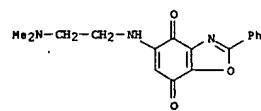
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558476-09-8P, 2-(3,4-Dimethoxyphenyl)-6-[(2-(dimethylamino)ethyl)amino]-1,3-benzoxazole-4,7-dione 558476-12-3P
 2-Cyclohexyl-5-[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-13-4P, 2-Cyclohexyl-6-[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-22-5P,
 5-[(2-(Dimethylamino)ethyl)amino]-2-(2-methoxyphenyl)-1,3-benzothiazole-4,7-dione 558476-23-6P, 6-[(2-(Dimethylamino)ethyl)amino]-2-(2-methoxyphenyl)-1,3-benzothiazole-4,7-dione 558476-24-7P,
 5-[(2-(Dimethylamino)ethyl)amino]-2-(2-fluorophenyl)-1,3-benzothiazole-4,7-dione 558476-26-9P, 6-[(2-(Dimethylamino)ethyl)amino]-2-(2-fluorophenyl)-1,3-benzothiazole-4,7-dione 558476-27-0P, 2-(2-Fluorophenyl)-6-[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-28-1P,
 2-(4-Fluorophenyl)-5-[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-29-2P, 2-(4-Fluorophenyl)-6-[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-30-5P,
 5-[(2-(Dimethylamino)ethyl)amino]-2-(4-fluorophenyl)-1,3-benzothiazole-4,7-dione 558476-31-6P, 6-[(2-(Dimethylamino)ethyl)amino]-2-(4-fluorophenyl)-1,3-benzothiazole-4,7-dione 558476-32-7P,
 2-(2,6-Difluorophenyl)-5-[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-33-8P, 2-(2,6-Difluorophenyl)-6-[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-34-9P, 2-(2,6-Difluorophenyl)-6-[(2-(dimethylamino)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-35-0P, 2-(2,6-Difluorophenyl)-6-[(2-(dimethylamino)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-42-9P, 2-(2,4-Difluorophenyl)-5-[(2-(dimethylamino)ethyl)amino]-1,3-benzoxazole-4,7-dione 558476-43-0P
 2-(2,4-Difluorophenyl)-6-[(2-(dimethylamino)ethyl)amino]-1,3-benzoxazole-4,7-dione 558476-44-1P, 5-[(2-(dimethylamino)ethyl)amino]-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione 558476-45-2P,
 6-[(2-(dimethylamino)ethyl)amino]-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione 558476-46-3P, 5-[(2-(Pyrrolidin-1-yl)ethyl)amino]-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione 558476-47-4P, 6-[(2-(Pyrrolidin-1-yl)ethyl)amino]-2-(2,3,4-trifluorophenyl)-1,3-benzoxazole-4,7-dione 558476-48-5P,
 2-(3-Fluoro-4-methylphenyl)-5-[(2-(dimethylamino)ethyl)amino]-1,3-benzoxazole-4,7-dione 558476-49-6P, 2-(3-Fluoro-4-methylphenyl)-6-[(2-(dimethylamino)ethyl)amino]-1,3-benzoxazole-4,7-dione 558476-50-9P, 2-(3-Fluoro-4-methylphenyl)-5-[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzoxazole-4,7-dione 558476-51-0P,
 2-(3-Fluoro-4-methylphenyl)-6-[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzoxazole-4,7-dione 558476-52-1P, 2-(4-Chlorophenyl)-5-[(2-(dimethylamino)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-53-2P, 2-(4-Chlorophenyl)-6-[(2-(dimethylamino)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-54-3P, 2-(4-Chlorophenyl)-5-[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-55-4P, 2-(4-Chlorophenyl)-6-[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-56-5P,
 5-[(2-(Dimethylamino)ethyl)amino]-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzothiazole-4,7-dione 558476-57-6P, 6-[(2-(Dimethylamino)ethyl)amino]-2-(2,3,4,5-tetrafluorophenyl)-1,3-benzothiazole-4,7-dione 558476-58-7P, 5-[(2-(Dimethylamino)ethyl)amino]-2-(3,4,5-trifluorophenyl)-1,3-benzothiazole-4,7-dione 558476-59-8P

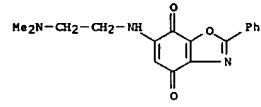
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

4,7-dione 558476-59-8P, 6-[(2-(Dimethylamino)ethyl)amino]-2-(3,4,5-trifluorophenyl)-1,3-benzothiazole-4,7-dione 558476-60-1P,
 5-[(2-(Pyrrolidin-1-yl)ethyl)amino]-2-(2,4,6-trifluorophenyl)-1,3-benzothiazole-4,7-dione 558476-61-2P, 6-[(2-(Pyrrolidin-1-yl)ethyl)amino]-2-(2,4,6-trifluorophenyl)-1,3-benzothiazole-4,7-dione 558476-62-3P, 5-[(2-(Dimethylamino)ethyl)amino]-2-(4-ethylphenyl)-1,3-benzoxazole-4,7-dione 558476-63-4P, 6-[(2-(Dimethylamino)ethyl)amino]-2-(4-ethylphenyl)-1,3-benzoxazole-4,7-dione 558476-64-5P, 5-[(2-(Dimethylamino)ethyl)amino]-2-(4-ethylphenyl)-1,3-benzoxazole-4,7-dione 558476-65-6P, 6-[(2-(Dimethylamino)ethyl)amino]-2-(4-ethylphenyl)-1,3-benzoxazole-4,7-dione 558476-66-7P, 2-(4-Ethylphenyl)-5-[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzoxazole-4,7-dione 558476-67-8P, 2-(4-Ethylphenyl)-6-[(2-(pyrrolidin-1-yl)ethyl)amino]-1,3-benzoxazole-4,7-dione 558476-68-9P, 5-[(2-(Dimethylamino)ethyl)amino]-2-(2-fluoro-6-methoxyphenyl)-1,3-benzoxazole-4,7-dione 558476-69-0P,
 6-[(2-(Dimethylamino)ethyl)amino]-2-(2-fluoro-6-methoxyphenyl)-1,3-benzoxazole-4,7-dione 558476-71-4P, 2-Cyclohexyl-5-[(2-(dimethylamino)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-72-5P, 2-Cyclohexyl-6-[(2-(dimethylamino)ethyl)amino]-1,3-benzothiazole-4,7-dione 558476-73-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (drug candidate prepn. of benzothiazolediones and benzoxazolediones derivs. as inhibitors of cdc25 and CD45 phosphatases)
 RN: 558475-05-1 CAPLUS
 CN: 4,7-Benzoxazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-phenyl- (9CI) (CA INDEX NAME)



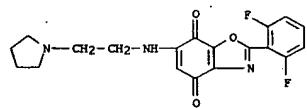
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 CN: 4,7-Benzoxazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-phenyl- (9CI) (CA INDEX NAME)



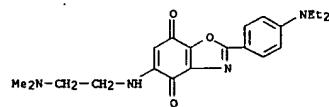
RN: 558475-09-5 CAPLUS
 CN: 4,7-Benzoxazoledione, 2-(2,6-difluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

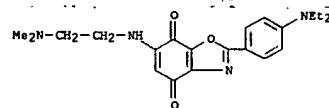
RN: 558475-10-8 CAPLUS
 CN: 4,7-Benzoxazoledione, 2-(2,6-difluorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



RN: 558475-11-9 CAPLUS
 CN: 4,7-Benzoxazoledione, 2-(4-(diethylamino)phenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



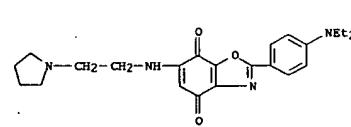
RN: 558475-12-0 CAPLUS
 CN: 4,7-Benzoxazoledione, 2-(4-(diethylamino)phenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



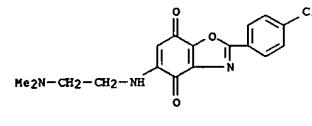
RN: 558475-13-1 CAPLUS
 CN: 4,7-Benzoxazoledione, 2-(4-(diethylamino)phenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

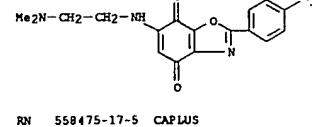
RN: 558475-14-2 CAPLUS
 CN: 4,7-Benzoxazoledione, 2-(4-(diethylamino)phenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



RN: 558475-15-3 CAPLUS
 CN: 4,7-Benzoxazoledione, 2-(4-chlorophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



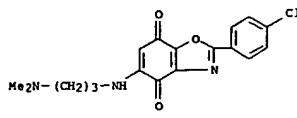
RN: 558475-16-4 CAPLUS
 CN: 4,7-Benzoxazoledione, 2-(4-chlorophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



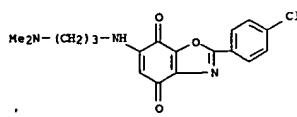
RN: 558475-17-5 CAPLUS
 CN: 4,7-Benzoxazoledione, 2-(4-chlorophenyl)-5-[(3-(dimethylamino)propyl)amino]- (9CI) (CA INDEX NAME)

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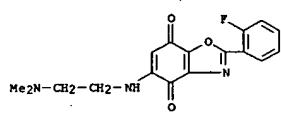
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



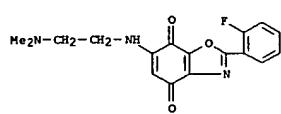
RN 558475-18-6 CAPLUS
CN 4,7-Benzoxazoledione, 2-(4-chlorophenyl)-6-[(3-dimethylamino)propyl]amino- (9CI) (CA INDEX NAME)



RN 558475-21-1 CAPLUS
CN 4,7-Benzoxazoledione, 5-[(2-dimethylamino)ethyl]amino-2-(2-fluorophenyl)- (9CI) (CA INDEX NAME)

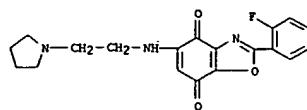


RN 558475-22-2 CAPLUS
CN 4,7-Benzoxazoledione, 6-[(2-dimethylamino)ethyl]amino-2-(2-fluorophenyl)- (9CI) (CA INDEX NAME)

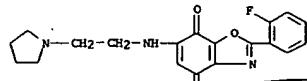


RN 558475-23-3 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2-fluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

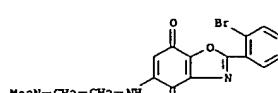
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



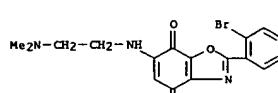
RN 558475-24-4 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2-fluorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558475-25-5 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2-bromophenyl)-5-[(2-dimethylamino)ethyl]amino- (9CI) (CA INDEX NAME)

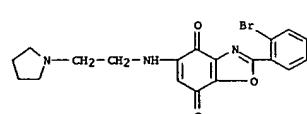


RN 558475-26-6 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2-bromophenyl)-6-[(2-dimethylamino)ethyl]amino- (9CI) (CA INDEX NAME)

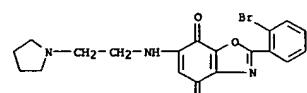


RN 558475-27-7 CAPLUS

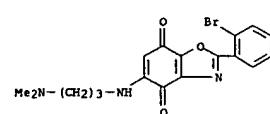
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
CN 4,7-Benzoxazoledione, 2-(2-bromophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



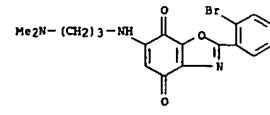
RN 558475-28-8 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2-bromophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558475-29-9 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2-bromophenyl)-5-[(3-dimethylamino)propyl]amino- (9CI) (CA INDEX NAME)

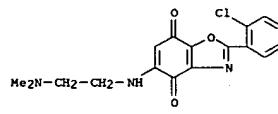


RN 558475-30-2 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2-bromophenyl)-6-[(3-dimethylamino)propyl]amino- (9CI) (CA INDEX NAME)

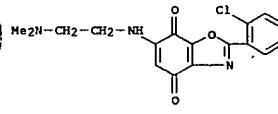


RN 558475-31-3 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2-chlorophenyl)-5-[(2-dimethylamino)ethyl]amino- (9CI) (CA INDEX NAME)

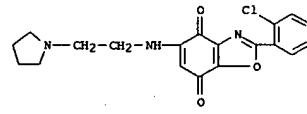
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



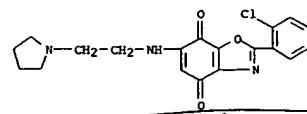
RN 558475-32-4 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2-chlorophenyl)-6-[(2-dimethylamino)ethyl]amino- (9CI) (CA INDEX NAME)



RN 558475-33-5 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2-chlorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558475-34-6 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2-chlorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

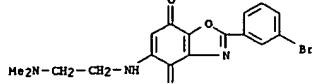


RN 558475-35-7 CAPLUS
CN 4,7-Benzoxazoledione, 2-(3-bromophenyl)-5-[(2-dimethylamino)ethyl]amino- (9CI) (CA INDEX NAME)

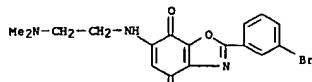
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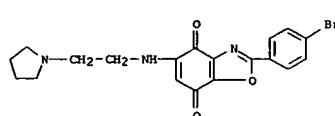
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



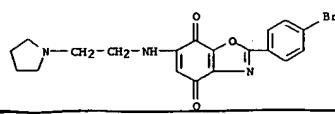
RN 558475-30-8 CAPLUS
CN 4,7-Benzoxazoles, 2-(3-bromophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



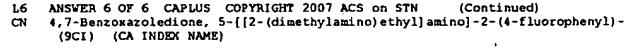
RN 558475-37-9 CAPLUS
CN 4,7-Benzoxazoles, 2-(4-bromophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



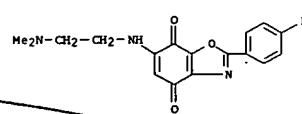
RN 558475-38-0 CAPLUS
CN 4,7-Benzoxazoles, 2-(4-bromophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



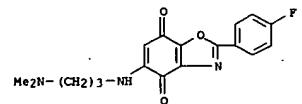
RN 558475-39-1 CAPLUS
CN 4,7-Benzoxazoles, 2-(4-bromophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



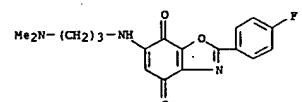
RN 558475-45-0 CAPLUS
CN 4,7-Benzoxazoles, 6-[(2-(dimethylamino)ethyl)amino]-2-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 558475-51-7 CAPLUS
CN 4,7-Benzoxazoles, 5-[(3-(dimethylamino)propyl)amino]-2-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



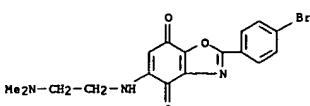
RN 558475-53-9 CAPLUS
CN 4,7-Benzoxazoles, 6-[(3-(dimethylamino)propyl)amino]-2-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



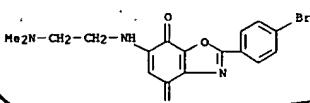
RN 558475-54-0 CAPLUS
CN 4,7-Benzoxazoles, 2-(3,5-difluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

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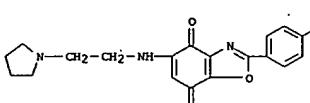
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



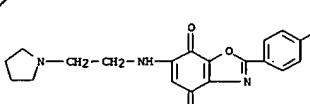
RN 558475-49-1 CAPLUS
CN 4,7-Benzoxazoles, 2-(4-bromophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558475-41-5 CAPLUS
CN 4,7-Benzoxazoles, 2-(4-fluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

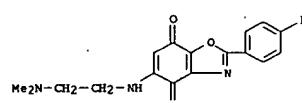


RN 558475-42-6 CAPLUS
CN 4,7-Benzoxazoles, 2-(4-fluorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

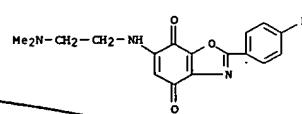


RN 558475-43-7 CAPLUS

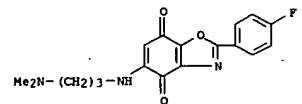
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
CN 4,7-Benzoxazoles, 5-[(2-(dimethylamino)ethyl)amino]-2-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



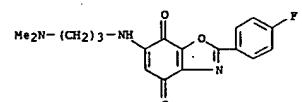
RN 558475-45-0 CAPLUS
CN 4,7-Benzoxazoles, 6-[(2-(dimethylamino)ethyl)amino]-2-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 558475-51-7 CAPLUS
CN 4,7-Benzoxazoles, 5-[(3-(dimethylamino)propyl)amino]-2-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 558475-53-9 CAPLUS
CN 4,7-Benzoxazoles, 6-[(3-(dimethylamino)propyl)amino]-2-(4-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 558475-54-0 CAPLUS
CN 4,7-Benzoxazoles, 2-(3,5-difluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

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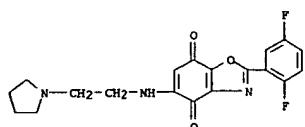
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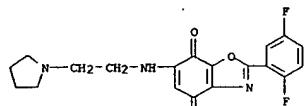
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L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

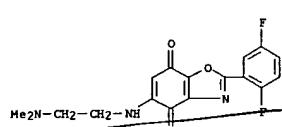
RN 558475-61-9 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,5-difluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



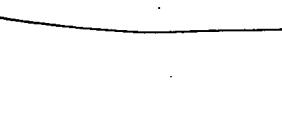
RN 558475-63-1 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,5-difluorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



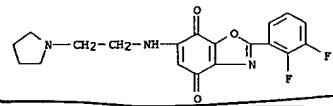
RN 558475-65-3 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,5-difluorophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



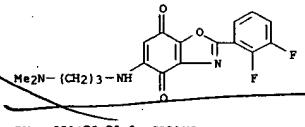
RN 558475-67-5 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,5-difluorophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



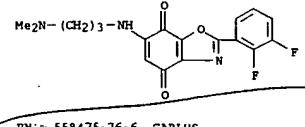
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
CN 4,7-Benzoxazoledione, 2-(2,3-difluorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



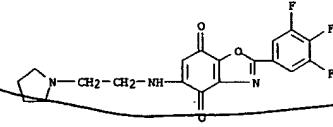
RN 558475-74-4 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,3-difluorophenyl)-5-[(3-(dimethylamino)propyl)amino]- (9CI) (CA INDEX NAME)



RN 558475-75-5 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,3-difluorophenyl)-6-[(3-(dimethylamino)propyl)amino]- (9CI) (CA INDEX NAME)



RN 558475-76-6 CAPLUS
CN 4,7-Benzoxazoledione, 5-[(2-(1-pyrrolidinyl)ethyl)amino]-2-(3,4,5-trifluorophenyl)- (9CI) (CA INDEX NAME)

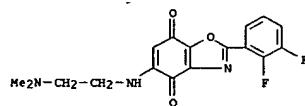


RN 558475-78-8 CAPLUS
CN 4,7-Benzoxazoledione, 6-[(2-(1-pyrrolidinyl)ethyl)amino]-2-(3,4,5-tetrafluorophenyl)- (9CI) (CA INDEX NAME)

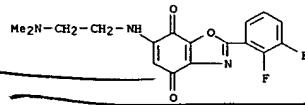
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L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

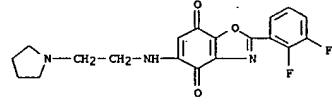
RN 558475-68-6 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,3-difluorophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558475-69-7 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,3-difluorophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)

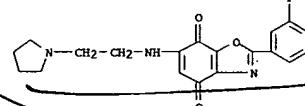


RN 558475-71-1 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,3-difluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

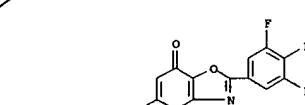


RN 558475-72-2 CAPLUS

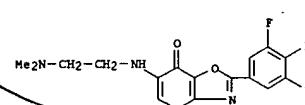
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
CN 4,7-Benzoxazoledione, 2-(2,3-difluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



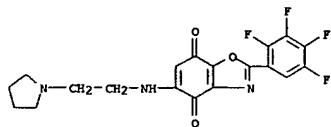
RN 558475-80-2 CAPLUS
CN 4,7-Benzoxazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(3,4,5-trifluorophenyl)- (9CI) (CA INDEX NAME)



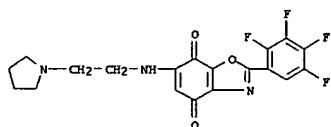
RN 558475-81-3 CAPLUS
CN 4,7-Benzoxazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-(3,4,5-trifluorophenyl)- (9CI) (CA INDEX NAME)



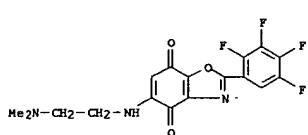
RN 558475-82-4 CAPLUS
CN 4,7-Benzoxazoledione, 5-[(2-(1-pyrrolidinyl)ethyl)amino]-2-(2,3,4,5-tetrafluorophenyl)- (9CI) (CA INDEX NAME)



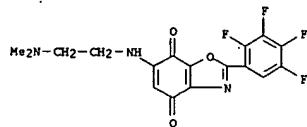
RN 558475-83-5 CAPLUS
CN 4,7-Benzoxazoledione, 6-[(2-(1-pyrrolidinyl)ethyl)amino]-2-(2,3,4,5-tetrafluorophenyl)- (9CI) (CA INDEX NAME)



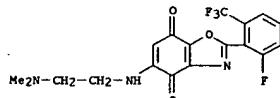
RN 558475-85-7 CAPLUS
CN 4,7-Benzoxazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(2,3,4,5-tetrafluorophenyl)- (9CI) (CA INDEX NAME)



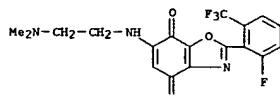
RN 558475-86-8 CAPLUS
CN 4,7-Benzoxazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-(2,3,4,5-tetrafluorophenyl)- (9CI) (CA INDEX NAME)



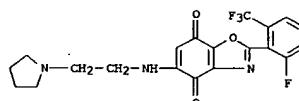
RN 558475-88-0 CAPLUS
CN 4,7-Benzoxazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-[2-fluoro-6-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 558475-90-4 CAPLUS
CN 4,7-Benzoxazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-[2-fluoro-6-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

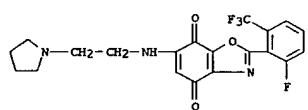


RN 558475-92-6 CAPLUS
CN 4,7-Benzoxazoledione, 2-[2-fluoro-6-(trifluoromethyl)phenyl]-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

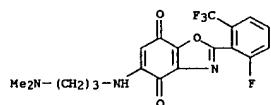


RN 558475-93-7 CAPLUS

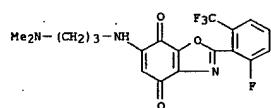
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
CN 4,7-Benzoxazoledione, 2-[2-fluoro-6-(trifluoromethyl)phenyl]-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



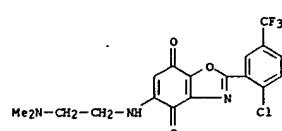
RN 558475-95-9 CAPLUS
CN 4,7-Benzoxazoledione, 5-[(3-(dimethylamino)propyl)amino]-2-[2-fluoro-6-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 558475-97-1 CAPLUS
CN 4,7-Benzoxazoledione, 6-[(3-(dimethylamino)propyl)amino]-2-[2-fluoro-6-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



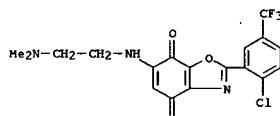
RN 558475-98-2 CAPLUS
CN 4,7-Benzoxazoledione, 2-[2-chloro-5-(trifluoromethyl)phenyl]-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



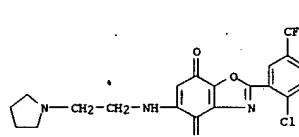
RN 558475-99-3 CAPLUS
CN 4,7-Benzoxazoledione, 2-[2-chloro-5-(trifluoromethyl)phenyl]-6-[(2-(dimethylamino)propyl)amino]- (9CI) (CA INDEX NAME)

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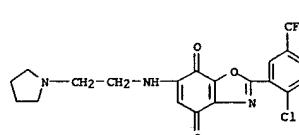
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558476-00-9 CAPLUS
CN 4,7-Benzoxazoledione, 2-[2-chloro-5-(trifluoromethyl)phenyl]-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



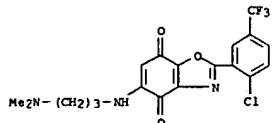
RN 558476-01-0 CAPLUS
CN 4,7-Benzoxazoledione, 2-[2-chloro-5-(trifluoromethyl)phenyl]-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



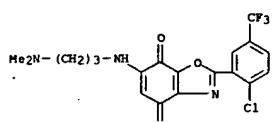
RN 558476-02-1 CAPLUS
CN 4,7-Benzoxazoledione, 2-[2-chloro-5-(trifluoromethyl)phenyl]-5-[(3-(dimethylamino)propyl)amino]- (9CI) (CA INDEX NAME)

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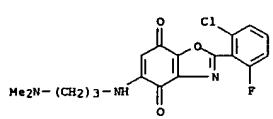
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



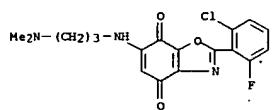
RN 558476-03-2 CAPLUS
CN 4,7-Benzoxazoles-7-one, 2-[2-chloro-5-(trifluoromethyl)phenyl]-6-[(3-(dimethylamino)propyl)amino]- (9CI) (CA INDEX NAME)



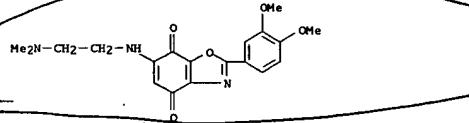
RN 558476-04-3 CAPLUS
CN 4,7-Benzoxazoles-7-one, 2-(2-chloro-6-fluorophenyl)-6-[(3-(dimethylamino)propyl)amino]- (9CI) (CA INDEX NAME)



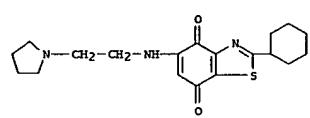
RN 558476-05-4 CAPLUS
CN 4,7-Benzoxazoles-7-one, 2-(2-chloro-6-fluorophenyl)-6-[(3-(dimethylamino)propyl)amino]- (9CI) (CA INDEX NAME)



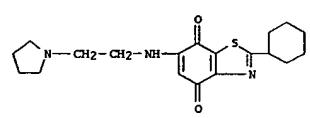
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



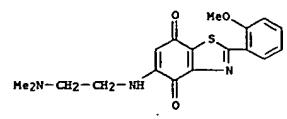
RN 558476-12-3 CAPLUS
CN 4,7-Benzothiazoles-7-one, 2-cyclohexyl-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558476-13-4 CAPLUS
CN 4,7-Benzothiazoles-7-one, 2-cyclohexyl-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558476-22-5 CAPLUS
CN 4,7-Benzothiazoles-7-one, 5-[(2-(dimethylamino)ethyl)amino]-2-(2-methoxyphenyl)- (9CI) (CA INDEX NAME)

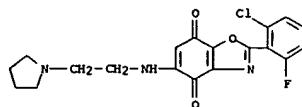


RN 558476-23-6 CAPLUS
CN 4,7-Benzothiazoles-7-one, 6-[(2-(dimethylamino)ethyl)amino]-2-(2-methoxyphenyl)- (9CI) (CA INDEX NAME)

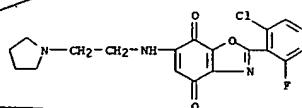
Karen Cheng

L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)

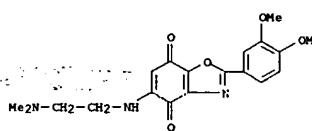
RN 558476-06-5 CAPLUS
CN 4,7-Benzoxazoles-7-one, 2-(2-chloro-6-fluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558476-07-6 CAPLUS
CN 4,7-Benzoxazoles-7-one, 2-(2-chloro-6-fluorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

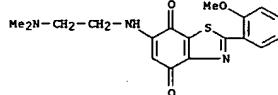


RN 558476-08-7 CAPLUS
CN 4,7-Benzoxazoles-7-one, 2-(3,4-dimethoxyphenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)

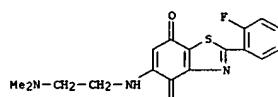


RN 558476-09-8 CAPLUS
CN 4,7-Benzoxazoles-7-one, 2-(3,4-dimethoxyphenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)

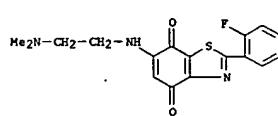
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



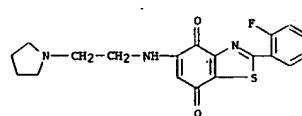
RN 558476-24-7 CAPLUS
CN 4,7-Benzothiazoles-7-one, 5-[(2-(dimethylamino)ethyl)amino]-2-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



RN 558476-25-8 CAPLUS
CN 4,7-Benzothiazoles-7-one, 6-[(2-(dimethylamino)ethyl)amino]-2-(2-fluorophenyl)- (9CI) (CA INDEX NAME)



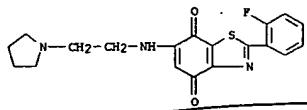
RN 558476-26-9 CAPLUS
CN 4,7-Benzothiazoles-7-one, 2-(2-fluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



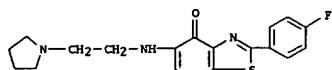
RN 558476-27-0 CAPLUS
CN 4,7-Benzothiazoles-7-one, 2-(2-fluorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

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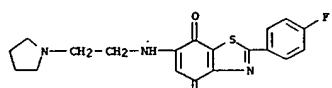
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



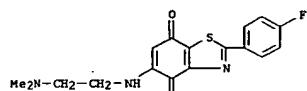
RN 558476-28-1 CAPLUS
CN 4,7-Benzothiazoledione, 2-(4-fluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558476-29-2 CAPLUS
CN 4,7-Benzothiazoledione, 2-(4-fluorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

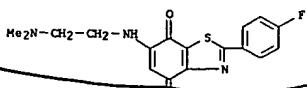


RN 558476-30-5 CAPLUS
CN 4,7-Benzothiazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(4-fluorophenyl)- (9CI) (CA INDEX NAME)

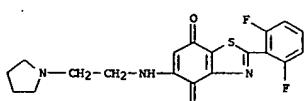


RN 558476-31-6 CAPLUS
CN 4,7-Benzothiazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-(4-

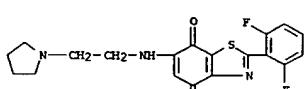
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
~~558476-32-7 CAPLUS~~ (9CI) (CA INDEX NAME)



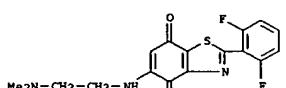
RN 558476-32-7 CAPLUS
CN 4,7-Benzothiazoledione, 2-(2,6-difluorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558476-33-8 CAPLUS
CN 4,7-Benzothiazoledione, 2-(2,6-difluorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

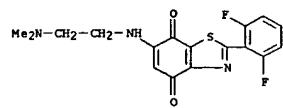


RN 558476-34-9 CAPLUS
CN 4,7-Benzothiazoledione, 2-(2,6-difluorophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)

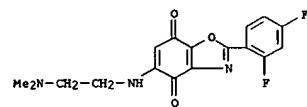


RN 558476-35-0 CAPLUS

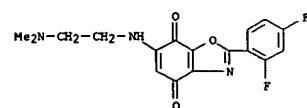
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
4,7-Benzothiazoledione, 2-(2,6-difluorophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



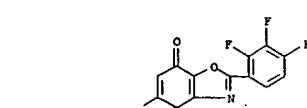
RN 558476-42-9 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,4-difluorophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558476-43-0 CAPLUS
CN 4,7-Benzoxazoledione, 2-(2,4-difluorophenyl)-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



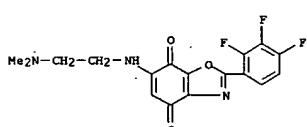
RN 558476-44-1 CAPLUS
CN 4,7-Benzoxazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(2,3,4-trifluorophenyl)- (9CI) (CA INDEX NAME)



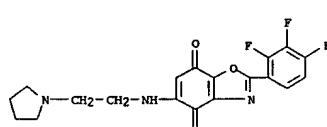
RN 558476-45-2 CAPLUS
CN 4,7-Benzoxazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-(2,3,4-

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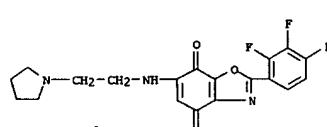
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 558476-46-3 CAPLUS
CN 4,7-Benzoxazoledione, 5-[(2-(1-pyrrolidinyl)ethyl)amino]-2-(2,3,4-trifluorophenyl)- (9CI) (CA INDEX NAME)



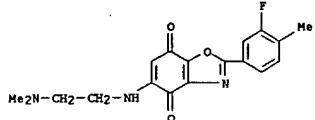
RN 558476-47-4 CAPLUS
CN 4,7-Benzoxazoledione, 6-[(2-(1-pyrrolidinyl)ethyl)amino]-2-(2,3,4-trifluorophenyl)- (9CI) (CA INDEX NAME)



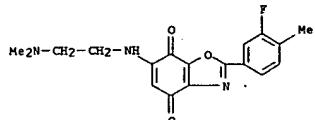
RN 558476-48-5 CAPLUS
CN 4,7-Benzoxazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(3-fluoro-4-

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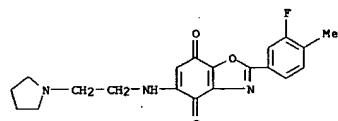
L6 ANSWER 6 OF 6 CAPIUS COPYRIGHT 2007 ACS on STN (Continued)



RN 558476-49-6 CAPIUS
CN 4,7-Benzoxazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-(3-fluoro-4-methylphenyl)- (9CI) (CA INDEX NAME)

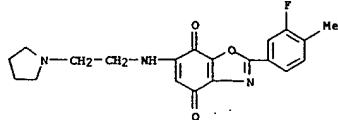


RN 558476-50-9 CAPIUS
CN 4,7-Benzoxazoledione, 2-(3-fluoro-4-methylphenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

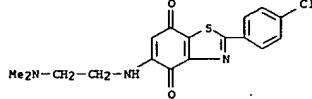


RN 558476-51-0 CAPIUS
CN 4,7-Benzoxazoledione, 2-(3-fluoro-4-methylphenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

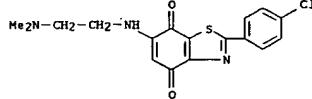
L6 ANSWER 6 OF 6 CAPIUS COPYRIGHT 2007 ACS on STN (Continued)



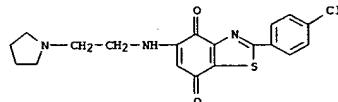
RN 558476-52-1 CAPIUS
CN 4,7-Benzothiazoledione, 2-(4-chlorophenyl)-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



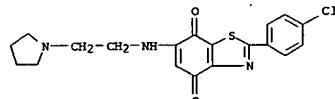
RN 558476-53-2 CAPIUS
CN 4,7-Benzothiazoledione, 2-(4-chlorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



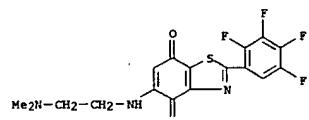
RN 558476-54-3 CAPIUS
CN 4,7-Benzothiazoledione, 2-(4-chlorophenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



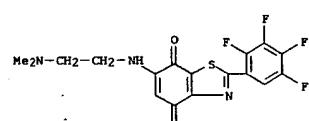
L6 ANSWER 6 OF 6 CAPIUS COPYRIGHT 2007 ACS on STN (Continued)
RN 558476-55-4 CAPIUS
CN 4,7-Benzothiazoledione, 2-(4-chlorophenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)



RN 558476-56-5 CAPIUS
CN 4,7-Benzothiazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(2,3,4,5-tetrafluorophenyl)- (9CI) (CA INDEX NAME)

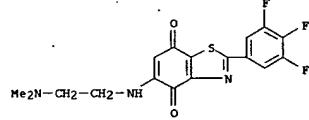


RN 558476-57-6 CAPIUS
CN 4,7-Benzothiazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-(2,3,4,5-tetrafluorophenyl)- (9CI) (CA INDEX NAME)

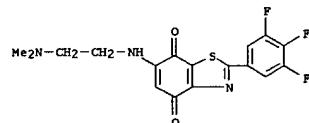


RN 558476-58-7 CAPIUS
CN 4,7-Benzothiazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(3,4,5-trifluorophenyl)- (9CI) (CA INDEX NAME)

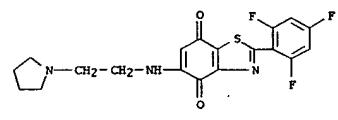
L6 ANSWER 6 OF 6 CAPIUS COPYRIGHT 2007 ACS on STN (Continued)



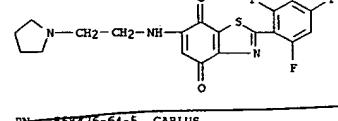
RN 558476-59-8 CAPIUS
CN 4,7-Benzothiazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-(3,4,5-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 558476-60-1 CAPIUS
CN 4,7-Benzothiazoledione, 5-[(2-(1-pyrrolidinyl)ethyl)amino]-2-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)



RN 558476-61-2 CAPIUS
CN 4,7-Benzothiazoledione, 6-[(2-(1-pyrrolidinyl)ethyl)amino]-2-(2,4,6-trifluorophenyl)- (9CI) (CA INDEX NAME)

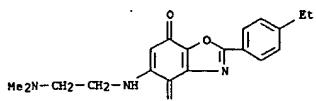


RN 558476-64-5 CAPIUS
CN 4,7-Benzothiazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(4-ethylphenyl)- (9CI) (CA INDEX NAME)

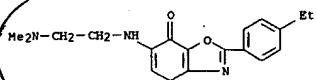
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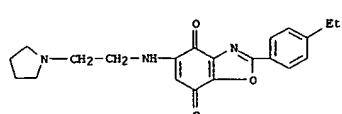
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)



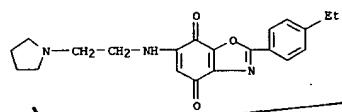
RN 558476-65-6 CAPLUS
CN 4,7-Benzoxazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-(4-ethylphenyl)- (9CI) (CA INDEX NAME)



RN 558476-66-7 CAPLUS
CN 4,7-Benzoxazoledione, 2-(4-ethylphenyl)-5-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

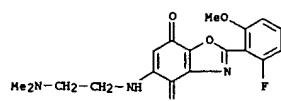


RN 558476-67-8 CAPLUS
CN 4,7-Benzoxazoledione, 2-(4-ethylphenyl)-6-[(2-(1-pyrrolidinyl)ethyl)amino]- (9CI) (CA INDEX NAME)

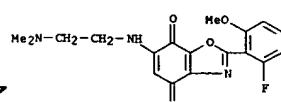


RN 558476-68-9 CAPLUS

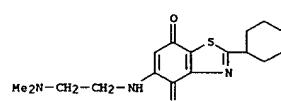
L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
CN 4,7-Benzoxazoledione, 5-[(2-(dimethylamino)ethyl)amino]-2-(2-fluoro-6-methoxyphenyl)- (9CI) (CA INDEX NAME)



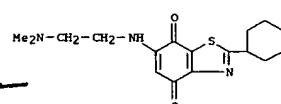
RN 558476-69-0 CAPLUS
CN 4,7-Benzoxazoledione, 6-[(2-(dimethylamino)ethyl)amino]-2-(2-fluoro-6-methoxyphenyl)- (9CI) (CA INDEX NAME)



RN 558476-71-4 CAPLUS
CN 4,7-Benzothiazoledione, 2-cyclohexyl-5-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



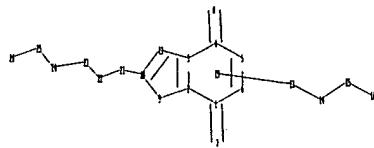
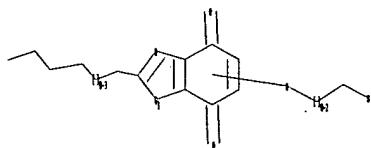
RN 558476-72-5 CAPLUS
CN 4,7-Benzothiazoledione, 2-cyclohexyl-6-[(2-(dimethylamino)ethyl)amino]- (9CI) (CA INDEX NAME)



L6 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2007 ACS on STN (Continued)
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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chain nodes :

7 8 13 14 15 21 22 23 24 25 26

ring nodes :

1 2 3 4 5 6 9 10 11

ring/chain nodes :

16

chain bonds :

1-7 4-8 10-21 13-14 14-15 15-16 21-22 22-23 23-24 24-25 25-26

ring bonds :

1-6 1-2 2-3 2-9 3-4 3-11 4-5 5-6 9-10 10-11

exact/norm bonds :

1-6 1-2 1-7 2-3 2-9 3-4 3-11 4-5 4-8 5-6 9-10 10-11 10-21 13-14 14-15
15-16 21-22 22-23 23-24 24-25 25-26

isolated ring systems :

containing 1 :

G1:O,S

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:Atom 10:Atom
11:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 19:CLASS 21:CLASS 22:CLASS
23:CLASS 24:CLASS 25:CLASS 26:CLASS

L7 STRUCTURE UPLOADED

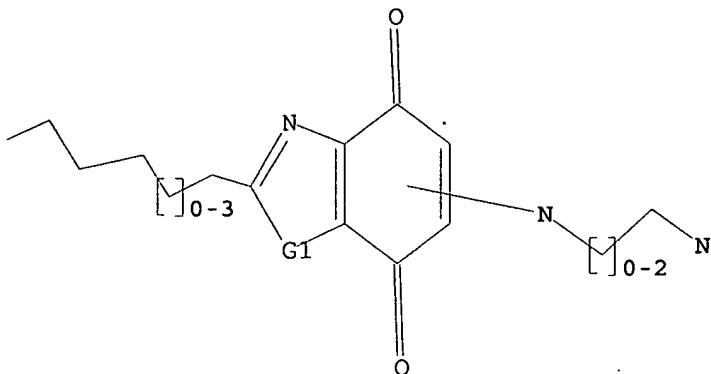
=> d

L7 HAS NO ANSWERS

L7 STR

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G1 O,S

Structure attributes must be viewed using STN Express query preparation.

=> d his

(FILE 'HOME' ENTERED AT 08:27:36 ON 27 MAR 2007)

FILE 'REGISTRY' ENTERED AT 08:27:44 ON 27 MAR 2007

L1 STRUCTURE uploaded

L2 211 S L1 FULL

FILE 'CAPLUS' ENTERED AT 08:28:11 ON 27 MAR 2007

L3 10 S L2

FILE 'REGISTRY' ENTERED AT 08:40:34 ON 27 MAR 2007

L4 STRUCTURE uploaded

L5 135 S L4 FULL SUB=L2

FILE 'CAPLUS' ENTERED AT 08:41:00 ON 27 MAR 2007

L6 6 S L5

FILE 'REGISTRY' ENTERED AT 10:40:40 ON 27 MAR 2007

L7 STRUCTURE uploaded

=> s 17 full sub=12

FULL SUBSET SEARCH INITIATED 10:41:01 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L8 0 SEA SUB=L2 SSS FUL L7

=> log h

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FULL ESTIMATED COST	41.10	339.77

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-12.48

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